Weather Outlook

Tonight
Showers

Temperatures Today
Maximum, 72; Minimum, 56

Detailed Report on Last Page

The Kingston Daily Freeman

Give Enough Through Your Community Chest

VOL. LXXXVI—No. 14 CITY OF KINGSTON, N. Y., FRIDAY EVENING, NOVEMBER 2, 1956 PRICE FIVE CENTS

Israel Claims Occupation of Gaza Strip

Downsville Man Held for Murder of Wife

Gun Used In Car on Broadway

Family Quarrels Cause of Tragedy

Domestic trouble resulting in separation of a young couple was climaxed with the fatal shooting of the wife, Dixie May Cleaver, 20, of 298 Clinton avenue, as she sat in an automobile on central Broadway not far from the Community Theatre late yesterday afternoon.

Arrested after allegedly fleeing the scene and charged with first degree murder was Franklin D. R. Cleaver, 22, a laborer of Downsville, Delaware county, who was picked up at that place several hours after his young wife expired at Kingston Hospital of a .22-calibre bullet wound in the head.

Separated for Week

Authorities said that best available present information indicated that the shooting resulted of the young wife's refusal to return to her husband. They had not been legally separated, but had not lived together for the past week, police said.

Cleaver was arraigned before City Judge Raymond J. Mino, this morning, waived examination and was held for the Grand Jury. Replying to Judge Mino's query as to whether he wanted counsel at this time, Cleaver said he wished none and would waive preliminary examination. Attorney John E. Gotelli appeared for the district attorney's office.

Shot in Back of Head

Mrs. Cleaver was shot through the back of the head with what authorities said was an old-type .22 calibre revolver. Police received a call for an ambulance at 4:55 p. m., and she died at Kingston Hospital at 5:10 p. m.

Cleaver appeared cool and unconcerned about procedures to come, when he was arraigned in court this morning.

Child with Grandmother

The young couple had apparently lived in the Downsville area for some time. They have a son, Randy, about 18-months-old, who had been living with Cleaver's mother in Downsville, authorities said.

Dixie May Cleaver, a tray girl at the Benedictine Hospital, had been employed there for about three months.

Officers Meyer Levy and Bruce Clarke, who were the first to notify police headquarters of the shooting, said they were told by Russell Merrihew of Esopus, that Mrs. Cleaver and her husband were sitting in the front seat of his car, and he had been sitting in the back seat, a short time before the shot was fired.

Remained Unconscious

Merrihew said he got out of the car and went into the Konjas restaurant on central Broadway to make a telephone call. When he returned to the car, he said he found Dixie on the sidewalk near the car. The officers said, that when they arrived Dixie was still in the car.

An early report at police head-

(Continued on Page 9, Col. 6)

HELD FOR WIFE'S MURDER—A few hours after his wife, Dixie May Cleaver, 20, of 298 Clinton avenue, died at Kingston Hospital late yesterday afternoon of a shot wound in the head, her husband, Franklin D. R. Cleaver, 22, of Downsville, (face covered), was picked up and booked on a first degree murder charge. Bringing him to police headquarters here are (l to r) Officer William Slover, Sgt. Lemuel Howard and Officer Edward Edwards. (Anner photo)

President Defends U.S. Role

Tells GOP Rally Of 'Honor Path'

Washington, Nov. 2 (AP)—President Eisenhower said last night his administration has chosen "a path of honor" in the Middle East crisis by refusing to "condone armed aggression."

And he told an overflow crowd in Philadelphia's 16,000-seat Convention Hall that because he is convinced he picked the right path, he is "undisturbed by the strident voices of those few who seem to be seeking to turn world events to political profit."

Speaking also to a nationwide television-radio audience, that was as close as Eisenhower came to replying to sharp criticism which Adlai E. Stevenson has been hurling at him regarding the Middle East situation.

Last Major Speech

It was Eisenhower's last major speech of the campaign and he did fire back at Stevenson once again on two other issues, without naming his Democratic rival. Eisenhower said his opponent is advocating "a design for disaster" in these times in calling for steps toward ending hydrogen bomb testing and proposing that thought be given to terminating the military draft.

The crowd in Convention Hall shouted "no, no," when Eisenhower put this question against the background of the current international tension:

"Would we today feel safe or secure as a nation if we—some time in the past—had already ceased perfecting our military

(Continued on Page 9, Col. 5)

IBM Plans Welcome For Many Saturday

In anticipation of a large crowd tomorrow at the Open House of its new Kingston plant on Neighborhood Road and Boice's Lane, International Business Machines Corporation today announced all is in readiness for the event.

Visitors may see all areas of the Kingston Military Products Division and the Electric Typewriter Division between 10 a. m. and 4:30 p. m. The Grand street building, formerly the Bowlatorium, at 27 Grand street also will be open.

Adequate Parking

There will be adequate parking facilities and a staff will be on hand at both locations to assist in traffic control and parking.

Seven entrances to the plant will be available to the public, each marked "Tour Entrance." Upon entering any of the entrances, visitors will receive a brochure containing the floor plan of the various engineering, manufacturing and administration departments. There will be no guided tours; visitors may choose their own routes.

To Display SAGE

The Open House will be the first time that the families of IBM employes and the public will have an opportunity to see the SAGE computer that will play such an important part in the future defense of the nation. It also will provide an opportunity to see where more electric typewriters are made than elsewhere in the world.

No cameras, packages or pets will be permitted in the plant, because of security restrictions. All children should be accompanied by adults.

Luncheon Today

Today at the plant a dedication luncheon was held and was attended by about 180 guests, including area community and business leaders, Air Force personnel and IBM executives.

Kingstonians who participated in the program at the dedication luncheon were Mayor Frederick

(Continued on Page 9, Col. 5)

Egyptian Air Force Hit Hard

Israelis Report Other Victories

London, Nov. 2 (AP)—Israel today announced occupation of the entire Gaza Strip and claimed other smashing victories in ground action against Egyptian forces.

The French Defense Ministry said Egypt's air force had been "completely put out of fighting condition" by repeated poundings from British-French air forces.

Cyprus Build Up

There still was no word of a ground invasion by British or French forces. But a French spokesman in Paris said the combined force on Cyprus was increasing steadily.

A spokesman at Israeli army headquarters in Tel Aviv reported the surrender of Gaza City, Egyptian headquarters for the Gaza Strip, after a tank-led Israeli task force smashed into the city.

The surrender put the entire strip in Israeli hands and ended a 24-hour fight for the region. Israeli troops yesterday captured Aafah, the only other major center in the strip.

Martial Law Declared

The Gaza territory, a 25 by 8 mile finger of land separating the southern end of Israel from the Mediterranean, has long been a center of Israeli-Egyptian border troubles. Elimination of fedayeen (commando) bases in the area was one of Israel's announced objectives in its thrust into Egypt Monday.

Martial law was declared throughout Egypt.

The British Air Ministry in London said Royal Air Force heavy and medium bombers were keeping up their nonstop strikes against the Egyptian air bases today.

Britain Denies Losses

"None of our aircraft has been reported missing," a British spokesman said.

The Israeli spokesman said fighting in the central Sinai desert was "progressing satisfactorily." Israeli forces claimed earlier they had captured the Sinai, routing some 20,000 Egyptian troops. Apparently mopup operations were under way.

Egyptian President Nasser hinted, however, that the main body of Egypt's forces in the Sinai were being pulled back to defend the Suez Canal and the Nile delta.

Claims 105 Planes

The French Defense Ministry said 105 Egyptian planes had either been destroyed or made unusable. By one unofficial estimate, this was about a fourth of the Egyptian Air Force.

The Egyptian losses, the French said, included 16 Ilyushin 28 twin-jet bombers Egypt

(Continued on Page 9, Col. 7)

Procedure Authorized To Take School Land

Condemnation of certain property in the Dietz Stadium area for use in construction of a 1,000-pupil junior high school was authorized Thursday night by the Kingston Board of Education.

The board authorized Corporation Counsel James Abernethy to proceed with legal condemnation of property owned by Mrs. Dorothy MacMillen.

Location Called Best

The resolution, submitted by Chester A. Baltz, pointed out that the board recognized the need for "additional housing of junior high school students."

It further pointed out that "Whereas the board of education along with the New York State Education Department having studied the question of sites in the city of Kingston and resolved that the Dietz Stadium area is the best location for the new junior high school, and

"Whereas the acquisition of property adjoining the Dietz Stadium is necessary for the purpose of the completion of satisfactory plans, and.

Price Lacking

"Whereas it has been impossible to secure a selling price from the present owner, Mrs. Dorothy MacMillen,

"Therefore be it resolved that the board of education authorize the corporation counsel to proceed with the legal condemnation of the property presently owned by Mrs. Dorothy MacMillen for the purpose of acquiring said property with the understanding that the property is to be used for school building purposes.",

Schrowang Has Contract

Augustus S. Schrowang, Kingston architect, has been awarded the contract for the proposed building which would occupy the elevation between the stadium and Forsyth Park. A firm specializing in school architecture is associated with Mr. Schrowang.

Plans for the structure, the city's second junior high school, are still on the drawing board.

David Kline, a member of the Greater Kingston School District committee of the board, reported briefly on meetings in the area. Mr. Kline and Dr. Soper have spoken at several recent meetings — Hurley, West Hurley School No. 5, Lake Katrine School and the Kingston P-TA Council.

Same Questions Asked

People at each meeting ask pretty much the same questions about the proposed consolidation, Mr. Kline pointed out. They want to know how it would affect their taxes, how members of the board would be selected, etc. There seems to be some fear that a Greater Kingston Area board would be dominated by Kingston.

The following resignations were accepted with regret:

Miss Viola Smith, school nurse-teacher, effective not later than Dec. 21, 1956.

Mrs. Marcia Slater, vocal music in the grades, effective not later than Dec. 21, 1956.

Mrs. Margaret Donnelly, home economics teacher at George Washington School, effective not later than March 28, 1957.

Miss Ann Marie Roach, teacher of English in the high school, effective not later than Jan. 25, 1957.

Attendance at the following conferences was approved:

Mrs. Marian Gregory, elementary supervisor, to attend conference at State Education Department, Albany, Nov. 8-9.

Mrs. Dorothy Buehring, Girl Scout conference, New York city, Nov. 1-2.

Miss Mary Polhemus, Elemen-

(Continued on Page 20, Col. 4)

Eddyville Span Need Is Stressed

Agreement on the need for a new bridge at Eddyville—replacing the present span damaged by last year's floods—was evidenced generally at a public hearing held Thursday afternoon in Port Ewen.

Approximately 20 persons attended the hearing at the Town of Esopus Auditorium. Harold Hommel, a chief designing engineer for the State Department of Public Works, presided at the hearing.

Some concern was expressed by certain St. Remy residents over the location. The public works department reported that it has no plans under consideration to extend improvements further south through St. Remy.

General plans for the new structure, currently under preparation by the State Department of Public Works at Albany, were discussed, it was reported.

Final plans will be prepared and available when funds are allocated and the project is ready for soliciting bids, the public works department reported.

No date for advertising for bids has been set.

The narrow span connecting the towns of Ulster and Esopus over the Rondout creek at Eddyville was damaged by 1955 floods and was closed for a considerable period while repairs were made.

Report Nasser Has Resigned

Rome, Nov. 2 (AP)—A Middle East diplomatic source in Italy said today Egyptian Premier Abdel Gamal Nasser has resigned.

This source said word had been received through diplomatic channels that the Egyptian president's resignation had been made to clear the way for a government that would be willing to hand administration of the Suez Canal over to some form of international control.

The same rumor circulated in London but an Egyptian embassy spokesman there said, "There is no thruth in it at all." British official sources also said the report was being discounted in government circles, although they could not say flatly it was without foundation.

The Rome informant said Nasser's resignation was intended to permit a settlement based on control of the Suez Canal by "Americans, Canadians or others" provided the control body did not include British or French representatives.

Wilson Says Record Is Distorted by Opponent

Assemblyman Kenneth L. Wilson of Woodstock invaded the bailiwick of his Democratic opponent, Mayor Eugene Glusker last night and charged him with gross misrepresentation and distortion of the Republican record.

Speaking before a rally sponsored by the Ellenville Republican Club, Mr. Wilson told a highly enthusiastic audience that his opponent has been conducting a campaign based on "sheer fantasy and fabrication."

Senator Ives Speaks

Assemblyman Wilson shared the platform with Senator Irving Ives of New York and all Republican congressional and county candidates.

Ridiculing the high powered press agentry of his opponent, Mr. Wilson said it was a combination of fiction and fantasy and would not stand up to the light.

Will Stand on Record

"For myself," he added, "I will stand squarely on the Republican record of achievement and accomplishment."

"My opponent accused me of voting against a two-million dollar flood relief bill," Mr. Wilson said. "But what is the fact? I'll tell you I not only voted for but also introduced through the Rules Committee the bill which every legislator of both houses and both parties voted for, and the governor signed.

Defends Voting

Mr. Wilson also added that, although this bill appropriated $1,500,000 for disaster aid, the Harriman administration has actually paid out, as of Oct. 25, 1956, only $206,935.42 of the $1,500,000 made available.

Assemblyman Wilson stoutly defended his own voting record and categorically refuted opposition arguments by detailing a long list of Republican bills that were passed against almost unanimous Democratic opposition.

"My opponent accused me of voting against a bill to increase

(Continued on Page 9, Col. 4)

Eden Holds Decision on UN, Warned of Sweeping Strikes

London, Nov. 2 (AP)—Prime Minister Eden refused today to give an immediate decision on a UN call for a cease-fire in the Middle East, and the Labor party warned that unofficial strikes may sweep the country unless he speaks soon.

He told the House of Commons he had not yet had time to receive, much less study, the proceedings of the UN General Assembly in New York. He may make a statement later today.

Britain's Labor leaders — in both the political and trade union branches of the movement—have stressed that labor will not approve "industrial action" as a weapon against Eden's policies. The party, however, is attempting to organize a mass popular protest under the slogan "Law—Not War."

Eden's refusal to commit himself at once on the UN actions touched off another angry scene in the House of Commons—the second in many days—with Laborites shouting for him to "resign."

Leftwinger Aneurin Bevan, speaking as one of labor's recognized leaders, told Eden:

"The vast majority of the UN Assembly has condemned our action in being at war. It is going to be extremely difficult for many of us to restrain action in the country. Will not the government help us a bit?

"If Parliament as a forum of popular expression is to be de-

(Continued on Page 20, Col. 3)

Mayor Urges Visit to IBM

Mayor Frederick H. Stang, in a statement today, urged residents of the city to visit the IBM plant, town of Ulster, during the Open House observance Saturday.

Kingston and "surrounding area have long been in need of a large industrial organization," he said, and since IBM has located in the area, and was welcomed by all, it has stimulated the economic, cultural and social life of our community."

Paul Freer Found Dead in His Car

The body of Paul E. Freer, 36, of 143 Pine Grove avenue was found in his automobile in front of 261 Fair street early today.

The body was seen by Fireman Joseph Diamond of Wiltwyck Station who notified police at 7:40 a. m. Officers Leonard Ellsworth and George Dougherty, who were assigned, found Mr. Freer lying in the front seat of his car.

Autopsy Awaited

Coroner Francis J. McCardle was notified and reported the cause of death is pending the result of a post mortem examination which was scheduled at noon today.

The coroner said Mr. Freer had been under the care of a physician for some time.

Surviving are his parents, David R. and Alice Rice Freer; three brothers, Donald, William and David Jr., all of this city; four sisters, Mrs. George Clark of Port Ewen; Mrs. Charles Cole, Mrs. Russell Kahrs and Mrs. Robert Priest, all of Kingston.

(Continued on Page 9, Col. 1)

December Vote Expected For Onteora School Bond

With one more area public meeting to be held in the Onteora Central School district prior to the district-wide meeting at Onteora Central school Monday, Nov. 12, the bond issue vote by the taxpayers probably will not be held before the middle of December.

At both the Wednesday evening meeting for the Ashokan and Shokan area and the meeting last evening at West Shokan for the West Shokan, Brodhead and Bushkill area, town of Olive voters favored the plan for an addition to the present school over the plan for two or three kindergarten-sixth grade school buildings.

The final area meeting will be at Pine Hill Monday, Nov. 5, for the Pine Hill and Highmount area.

Although the town of Olive voters indicated a clear cut trend for an addition to the present building, the trend of voters throughout the district has been for either the two or three school plan and since the recent announcement that the proposed school in the Woodstock area might be erected at Bearsville instead of the Lake Hill site, there has apparently been an increase in interest for the multiple school plan rather than an addition to the present school at Boiceville.

At the Ashokan meeting the

(Continued on Page 20, Col. 5)

Increase of 222 Students Seen At Kingston High School in '57

Enrollment problems in city schools in 1957-58 and tentative plans for their solution were discussed by the Kingston Board of Education Thursday night.

Assisting in the discussion were Principal M. Clifford Miller of Kingston High School, Principal Stephen Hyatt of Myron J. Michael School, Principal Ambrose J. Boyd of George Washington School and James Tobin, KHS director of guidance.

It was pointed out in a planning estimate submitted to the board that KHS anticipated a minimum increase of 222 students in 1957-58.

To Remove 9th Grade

In order to remove pressure on the high school four ninth grade sections would be removed from Kingston High School to MJM.

MJM, in turn, would move three more seventh grade sections to the George Washington School, bringing to nine the number of seventh grade sections in that school.

In addition to four ninth grade sections at MJM there would be eight seventh grade sections and 14 eight grade sections.

More Teachers Needed

Tentative estimates for 1957-58 indicate a minimum need of seven additional classroom teachers at KHS, as well as a teacher in shop and one in homemaking. On the elementary level one additional teacher will be needed at School 2, two at School 6 and one (elementary) at the Washington School.

Superintendent Earl Soper explained that an additional room would probably be needed at School 5 and another at School 6. Schools 2 and 3 will be "O.K." and School 4 "has space."

Washington Space Filled

Mr. Boyd pointed out that the Washington School would probably need one more elementary classroom and that about the only remaining space in the school was in the living querters occupied by the school custodian. Members of the board indicated that they felt it would not be desirable to encroach on living quarters for additional space, that it was more important to have a custodian on the premises. The element of school security was cited.

Mr. Boyd said it might be possible to convert a music room and use two "floating teachers," one in the art room and one in the cafeteria.

Basis for Decisions

Dr. Soper indicated that planning for 1957-58 was in the "talk stage," explaining that the discussions would establish a basis for decisions when they had to be made.

He said there was one alternative to the "planning estimate" —not to accept some 200 students from the Marbletown section. Dr. Soper pointed out, however, that if Kingston did not accept them Marbletown would have a real problem.

Two Years Away

Dr. Soper explained that Marbletown had retained an architect and associate architect to prepare plans for the new Rondout Valley Central School but that the building would hard-

(Continued on Page 20, Col. 2)

Lions Schedule Exposition At Armory April 2-6, 1957

The Lions Club of Kingston has set the dates for the annual Lions Exposition for 1957.

It will be held at the New York State Armory on North Manor avenue April 2 to 6 inclusive and again the feature award will be a trip for two to Bermuda, which will be arranged through the Greenwald Travel Agency.

Although the date has just been decided upon by the committee in charge of the Exposition, several exhibitors have already applied for space reservations.

J. Wilson Tinney, chairman of the Exposition Committee, said the early announcement of the dates for the Exposition made it possible for exhibitors to contact firms which they represent and reserve special displays for that date.

Members of the Lions Exposition committee who will assist Chairman Tinney and Assistant Chairman George Svirsky, are Donald E. Briggs, Roger Baer, Harold H. Baltz, Vincent R. Burns, William F. Burke, Burton F. Giles, George E. Heddy, Sam J. Kwasnowski, Michael J. Marchuk, Max J. Oppenheimer and Minford A. Overfield.

300 Youngsters Attend Y Party

Approximately 300 boys and girls attended the annual YMCA Halloween party Wednesday night at the Youth Center.

Awards for costumes were made to the following:

Robert Brown, most original; Richard Hummer, Beverly DuBois, best looking; Ray Christiana, Pat Pricus, funniest; Don Sickler, bottle contest; Judy Scism, Lester Jensen, marshmallow contest; Lester Jensen, apple ducking; Jane Eaton and Gunther Norway, waltz contest and Marlene Halwick and Ronald Hamilton, jitterbug contest.

Assisting with arrangements were Louis Schafer, general secretary; Frank Rebello, Warren Smith, president of the Lions Club and Mrs. Smith, Mr. and Mrs. Wilmot Hall, Mrs. Margaret Brown, Willet Burnett, Kappa Omicrom Hi-Y Club, B Alpha Hi-Y Club, Herbert DeKay, president of the YMCA board of directors.

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SUNBEAM ● EMERSON

REMINGTON ● SCHICK

Name Brand TOOLS

SKIL ● BLACK & DECKER

STANLEY ● MILLER FALLS

Five Civil Service Exams Are Announced

The United States Civil Service Commission has announced examinations for filling the following positions:

Investigator, paying from $5,440 to $11,610 a year, in the optional fields of personnel, criminal, and general investigations. Positions are in various agencies in Washington, D. C., and vicinity.

Engineering Student Trainee, paying $3,175 and $3,415 a year, for duty with the Bureau of Reclamation and other agencies in Western States and Alaska.

Procurement Specialist, paying from $4,525 to $11,610 a year for duty with the Navy Department and other agencies in the Washington, D. C., area.

Accountant and Auditor, paying $3,670 a year, for employment with the General Accounting Office, the Department of Defense, the Internal Revenue Service, and other agencies in Washington, D. C., and throughout the United States.

Mediator, $6,390 a year, for duty with the National Mediation Board headquarters in Washington, D. C. Travel throughout the United States is required. The closing date for acceptance of applications is January 4.

With the exception of the mediator examination, all are open for receipt of applications until further notice. The individual examination announcements give full instructions on how to apply.

Further information and applications may be obtained from W. P. Barry, Main Post Office, or from the U. S. Civil Service Commission, Washington, 25, D. C.

West Camp Church To View India Film

Saugerties, Nov. 2—The regular 11 a. m. worship service of St. Paul's Evangelical Lutheran Church of West Camp will be held Sunday in the parish hall to permit showing of a film on India, according to the Rev. Alvin F. Messersmith, pastor.

The 37 minute film with sound and color is entitled, "Partners in India" and deals with today's India and today's church in India.

The film tells the story of the growth of the seed planted by the First Lutheran missionary 250 years ago.

Nearly one million Lutheran World Action dollars have been given to aid in the 10 Lutheran bodies in India. To help raise the budget for the Lutheran World Action's ministry in 1956 members of St. Paul's will give $400.

Lutherans in unite action for the alleviation of need throughout the world, have given more than $100,000,000 in cash and goods through Lutheran World Action and Lutheran World Relief since 1939.

Doesn't Count

Champaign, Ill. (NEA)—Illinois gave California, Washington, Ohio State and Minnesota a drubbing statistically, while losing three of its first four football games.

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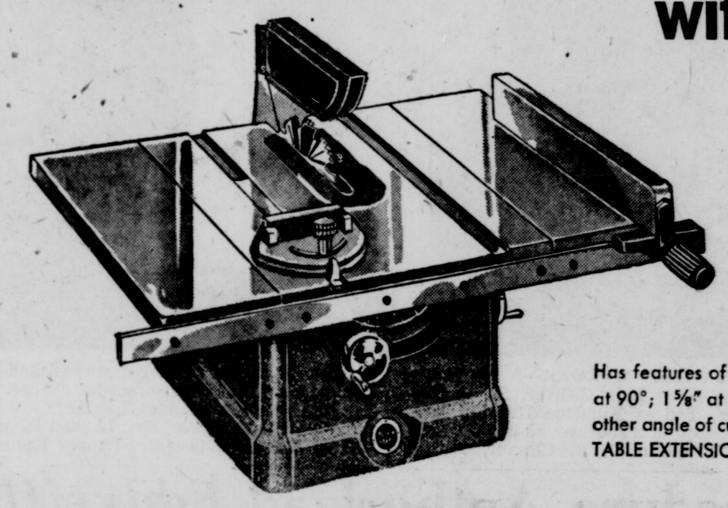

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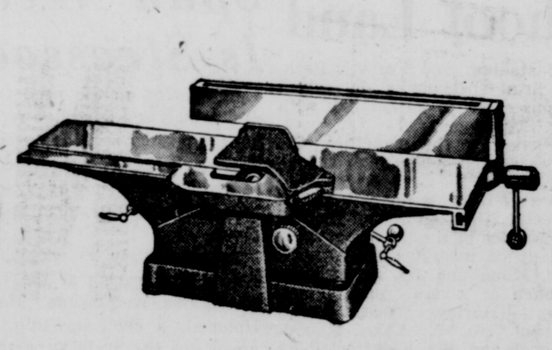

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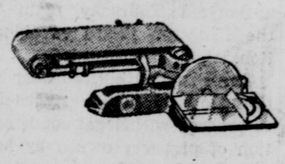

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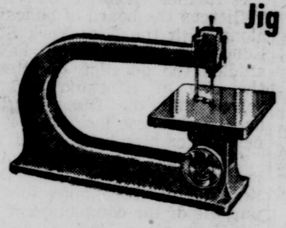

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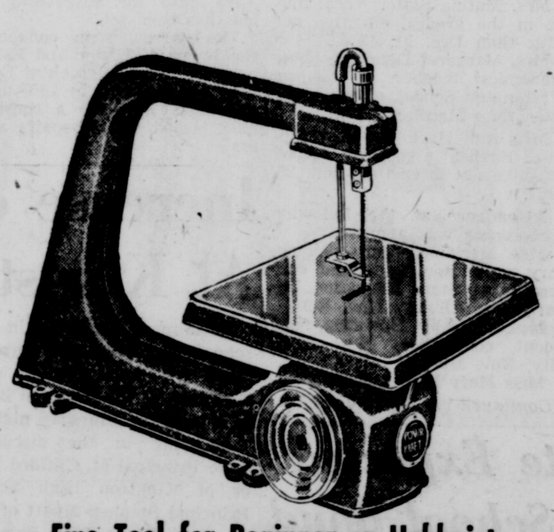

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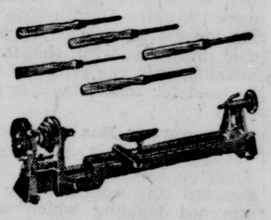

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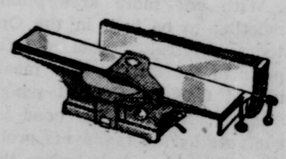

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Fire Detail

Tampa, Fla. (AP)—One of the first things Nick Nuccio did when he was sworn in as Tampa's mayor was to insist that city firemen stop cussing, fussing and whistling at the ladies.

ARE YOU READY FOR THE NEW LAW?

Many details must be *absolutely correct* under the new New York financial security law before you drive into 1957. Are YOU ready? Got your FS-1, for instance — and is it *right?* My clients' FS-1s (insurance certificates) will be issued from my office (not a "home" or "district" office miles away) — I'll work with my policyholders to make sure they're right. That's local agency service—you deal with a man instead of the mails! I'd like to tell you about the new law. Drop by and pick up a *free* explanatory booklet on the new law. Call today — no obligation!

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Births Recorded

The city registrar recently recorded the following births:

Oct. 26—Donald Wesley Jr., to Mr. and Mrs. D. W. Waldenmayer, 50 Harwich street, and Georgiana Freda to Mr. and Mrs. George Emanuel Gilmore, 88 Dock street, Saugerties.

Oct. 27—Brenda Jean to Mr. and Mrs. Clarence Edward Bilyou, Route 3, Box 33-C, Kingston; Cheryl Lee to Mr. and Mrs. John Sager Rich, Tillson; Katherine Ann to Mr. and Mrs. Frederick Ralph Giordiano, Box 74, Cementon, and Diane Marie to Mr. and Mrs. William E. Reynolds Jr., Mt. Marion.

Oct. 28—Paulette Jean to Mr. and Mrs. Clinton Gordon Sperr, 17 Greenkill avenue; Margaret Louise to Mr. and Mrs. William Francis Dittus, PO Box 55, Mt. Marion; Terrance Mervin to Mr. Mrs. Daniel Patrick Wynne, West Camp; Thomas Kenneth Jr., to Mr. and Mrs. T. K. Casey, Stone Ridge; Barbara Ann to Mr. and Mrs. Harold L. Every, 173 Smith avenue; James Brian to Mr. and Mrs. William Francis Whitaker, 22 Adams street, and Joel to Mr. and Mrs. Joseph Raskowski, 5 Apple street.

Oct. 29—Diane to Mr. and Mrs. Salvatore Louis DeFalco, Route 1, Box 15-D, Kingston; Dean Byer to Mr. and Mrs. John Henry Ostrander, 24 Maiden Lane, and Holly Ann to Mr. and Mrs. Sherman R. Hommel, 262 Main street.

JACOBY ON BRIDGE

Defenders Win Battle of Wits

By OSWALD JACOBY
Written for NEA Service

NORTH (D) 2
♠ A Q
♥ A 7 6 4
♦ K J 10 9 2
♣ 10 6

WEST
♠ K 10 9 8 2
♥ 9 8
♦ A 5
♣ J 9 5 2

EAST
♠ 7 5 4
♥ 5 3
♦ Q 8 6
♣ A 8 7 4 3

SOUTH
♠ J 6 3
♥ K Q J 10 2
♦ 7 4 3
♣ K Q

Neither side vul.

North	East	South	West
1 ♦	Pass	1 ♥	Pass
2 ♥	Pass	4 ♥	Pass
Pass	Pass		

Opening lead—♣ 2

There is no way to defeat today's contract if South guesses what is going on. When the hand was actually played, West managed to outwit South.

East took the first trick with the ace of clubs and returned a club to declarer's king. Declarer drew two rounds of trumps and led a diamond towards the dummy.

West put up the ace of diamonds and returned the nine of spades through the dummy. This put South to the guess. Did West hold the king of spades or the queen of diamonds?

After a long pause, South decided not to risk the spade finesse. He put up the ace of spades and returned to his hand with a trump in order to try a diamond finesse. This lost to East's queen, and now the defenders could take a spade trick to defeat the contract.

It is easy to see that South could have made his contract by taking the finesse in spades when it was offered to him. He simply had a brainstorm.

It is interesting to note that South could not have lost the contract if West had failed to put up his remarkable defense. South would have been delighted to lose the first diamond trick to East's queen. East could not safely attack the spades, and South would have time to knock out the ace of diamonds and thus prepare to get rid of his losing spade on dummy's good diamond.

Church Service

Des Moines (AP) — The pastor of a large Des Moines church has decided it would be a good idea for the deacons to have some basic first aid. A woman in the choir got a fly stuck in her throat while singing a hymn.

Political Advertisement | Political Advertisement | Political Advertisement | Political Advertisement

ATTENTION

VOTERS of the Town of ULSTER

For Voting Information or Transportation to the Polls

ON ELECTION DAY CALL

Election Dist. 1	(Hillside Acres, Miller's Lane Ext. Plank Road, Lucas Ave. Ext.)	Tel. 5363
Election Dist. 2	(Lake Katrine, Ruby, Halcyon Park, Rt. 9W, Glenerie)	Tel. 8823
Election Dist. 3	(East Kingston)	Tel. 6764-W
Election Dist. 4	(Eddyville, Boulevard Ext.)	Tel. 2880
Election Dist. 5	(Lincoln Park, Sunset Park, Forest Glen Park, Kingston Manor, Albany Ave. Extension)	Tel. 5693

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Only $10 Monthly
on "C-C-Plan"

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$188
WITH YOUR OLD WASHER

CITIES SERVICE
announces for this area
TWO GREAT NEW GASOLENES

New Super 5-D

(extra-high octane . . . for extra-high compression cars)

A great new gasolene that sets new standards in the premium class. Stepped-up power! Extra-high octane for extra-high compression motors. AND . . . the only gasolene with all these motor-saving, mileage-stretching features:

1. Extra-High Octane
2. Anti-Carbon
3. Anti-Stalling
4. Anti-Rust
5. Upper-Cylinder Lubricant

New Milemaster

(highest octane standard compression cars can effectively use)

A new grade of high octane gasolene that will break records for you in power and economy. The most miles for your dollar. The newest and finest fuel for standard compression cars. It outperforms many so-called premium fuels — but priced the same as regular gas.

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By mail in Ulster County per year $10.00; six months $5.50; three months $3.00; one month $1.25

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KINGSTON, NEW YORK, NOVEMBER 2, 1956

IBM OPEN HOUSE

In an open manifestation of their appreciation for the contribution being made by the International Business Machines Corporation toward the industrial and community growth here, thousands of residents of the City of Kingston, the County of Ulster and the surrounding area will participate tomorrow in the Open House of the new IBM plant north of Kingston in the Town of Ulster.

Mingled with local folk will be many from distant places who will join them in viewing the Military Products Division, where the SAGE computer is produced for the defense of the nation, and the Electrical Typewriter Division, where electrical typewriters are made for an ever-increasing world trade.

One of the biggest functions in the history of the community, the Open House also will serve to demonstrate the genuineness of the welcome the people here extend to the IBM organization.

The Kingston area is fortunate in the choice of the Town of Ulster for the development and expansion of this great world-wide industry, which employs some 4,500 men and women here in the production of vital machinery to safeguard our nation from enemy attack and in the manufacture of products for the continued progress of our country: IBM also is fortunate in that this community is ready and pleased to welcome the organization and extend co-operation and friendship.

The International Business Machines Corporation is a solid industry, which produces machinery and provides services that will be needed more and more down through the years to keep our nation in the forefront. As our nation continues to expand and activities increase, there has to be a technology so that our American way of life can continue to function in its rightful place among the nations of the world. IBM is an indispensable part of this new and ever changing technological age and the people of this area are proud to have a part in its operations. The Open House for this new modern industrial plant, where but a short time ago was a 200-acre cornfield is appropriate. But aside from standing as a living reminder of the contribution to his time made by the late Thomas J. Watson, Sr., founder of this great business enterprise, the massive buildings of tons of steel, brick and concrete, regardless of their most modern refinements, are not really important. What is represented here is what actually counts.

The Kingston IBM plant represents an ardent faith in the people and a steadfast conviction that this nation will go forward to new heights for the well being of mankind.

The spirit in which the IBM operates and thrives assures the organization of continued greatness among the industrial giants of the world.

Wladyslaw Gomulka has emerged as the new leader of the Polish Communist party, and hence of Poland. Pursuing a policy of national interest, Poland will no longer be a puppet satellite of the Soviet Union. In terms of our own national interest, we hail this change.

THE PRESIDENT'S HEALTH

All decent Americans of whatever political persuasion must welcome the news that President Eisenhower's health has been found good.

The findings show he has stood well the strain of a reasonably active campaign. His recovery from his two illnesses seems as complete as might fairly be expected.

The issue of his health has not been the big factor in the campaign that many thought it might be.

Mr. Eisenhower's appearances in public have dispelled the fears of many. And Adlai Stevenson and other top Democrats have largely left the health matter in the background.

The Nov. 6 result evidently will be determined on other grounds and probably that is how the American people would like it to be.

'These Days'

By GEORGE SOKOLSKY

THE SWISS POSITION

I came across a very interesting pamphlet, entitled "SEC and Foreign Capital." issued by De Pontet & Co., Inc., which states the Swiss position regarding anonymous bank accounts better than I had ever seen it. Any person can make a deposit in a Swiss bank, with only one officer of the bank knowing who the true owner of the account is. To that officer the individual must disclose his name, address, occupation, nationality and "whether all correspondence pertaining to his account should be forwarded to his address or kept in his file with the bank where he will check it whenever he comes to the bank. . . ."

Further, it says in this pamphlet:

". . . In case he wishes the correspondence to be sent to his home address, the directors will take care that letters are not written to him on the bank's official letterhead paper, but on a plain sheet and addressed only to the number of the account; such letters are forwarded in a neutral envelope so that no one suspects they are from a bank. If the client lives in a foreign country, a special employe mails the letters in the client's country so as to avoid any suspicion that the client is in correspondence with Switzerland. . . ."

What kind of money is this that requires so much secrecy? If it is American money, what is it doing in Switzerland and why do the accounts have to be surrounded with all this hocus-pocus? The answer must be that this money has gone underground.

When such money comes to the United States, the true owner is generally not known or knowable because no Swiss bank will identify the owner of an account. Now let me quote:

"On most of these accounts Swiss bank executives have discretionary power and invest in Switzerland as well as abroad, mainly for long-term capital gain. . . . There is a reciprocal tax agreement between Switzerland and the United States whereby a Swiss holder of U. S. bonds pays only 5 per cent withholding tax and 15 per cent on U. S. stocks. However, the 30 per cent withholding tax on dividend income applies to number accounts when the client is not a resident of Switzerland. . . . However, a smart man can arrange for a nominee who does live in Switzerland.

The three Swiss banks that specialize in American investments are the Union Bank of Switzerland, Credit Suisse and the Swiss Bank Corporation.

Up to now our government has never been able to break through the Swiss barrier of secrecy. But it is possible for a Congressional committee to delve into the European investment in American defense industries and no person so investing can claim secrecy under any of our laws. If the money is his, he can undoubtedly establish the fact; if he is the representative of other people's money, it is his responsibility to know who the other people are. It would be possible for Congress to pass an act requiring the true owners of the shares of a company engaged in defense activities to be registered, excluding a bank unless the bank officials certify that the bank is the true and rightful owner of the money.

Perhaps the heart of the difference between the American and European attitude is in this paragraph:

"'I am worth $250,000 and I earn $60,000 a year.' Such a statement would not be possible from any European; no one there tells of one's earnings or wealth. . . . The American does not hesitate to speak publicly about his worth and earnings. Perhaps this basic difference in approach is the origin of the American misunderstanding of bank secrecy."

Of course, we pay our taxes, as much as we hate them and as much as we all think we cheat a little. Actually, it is astonishing how little Americans do cheat. In fact, if anything the government collections are too tough due to confusions in the law. The European, except the British, does not regard it as dishonest not to pay taxes. Also there have been so many wars and revolutions in Europe that the man of means has to use his head to keep what he has.

That is why this small country, Switzerland, with less than 5,000,000 population has over 400 banks, with 3,000 branches, with a capital of $700,000,000 and deposits of over $7,000,000,000. "This is more than the yearly gross national product of Switzerland, which amounts to $5.5 billion. . . ."

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That Body of Yours

By JAMES W. BARTON, M.D.

THE CHILD AWAY FROM HOME

We have been talking about parents with children who are crippled either mentally or physically and the many problems besetting them. One of the greatest of these is when the child must take treatment away from home. This means that in hospital or residential school, the child may be deprived of some of the basic needs of childhood, particularly his home life and family relationships. As much as possible, the parents should keep contact with the child through visits, letters, gifts, and telephone conversations. These mean much to the child as signs that he is not forgotten and that his place is being kept for him at home.

Some handicapped children must remain away from home for long periods. Children with orthopedically crippling deformities who need rehabilitation sometimes are in hospitals and rehabilitation centers for months or years. Children with heart disease or tuberculosis often are sent to homes for convalescents for many months following their acute episodes. In many localities there is no adequate schooling for the blind or deaf, except in boarding schools away from home. This experience itself makes the child different from the nonhandicapped child who remains in his home.

Adjustment to life with strangers is hard for most children and may be exceptionally hard if the nurses and teachers are not acquainted with their emotional needs. The person entrusted with the responsibility of child care in a residential center should be an affectionate, warm, accepting, helpful, parentlike person.

We know that it is as important to train the child intellectually as it is to treat him physically and, when possible, medical treatment and education should go hand-in-hand. Some handicaps come from condtions which also cause decreased mental functioning as is the case in meningitis which may result in deafness and also in brain damage and in some cases of cerebral palsy. In other instances the disability may handicap the child so that learning is difficult. Blind children must overcome great obstacles before they catch up in ability with seeing children.

Special schools or private tutors may be advisable but as soon as possible the child should be placed in regular classes with non-handicapped children. It may be necessary to see that he has special devices to help him such as hearing aids, typewriters, etc., or he may have to sit in the front of the classroom if he is hard of hearing, or on one side if he has poor vision in one eye, or he may have to write his lessons if he cannot speak properly. In spite of these privileges, the sooner he can join the class with normal children, the better his chance for character development.

The handicapped child needs experience and adventure, freedom to move about and learn what goes on in the world, visit the zoo, ride busses, attend movies, to have all the new experiences he can for in this way he grows and increases his powers. He should also be permitted to do for himself and for others as much as he can do, to make good use of his limited ability. The child must not be satisfied with having instead of doing. The aim should be to make him a working member of society when he reaches adulthood.

(Released by The Bell Syndicate, Inc.)

Edson's Washington News Notebook

By PETER EDSON
NEA Washington Correspondent

Washington — (NEA) — Vice President Richard M. Nixon and other Republican orators make the point that if the Democrats win control of Congress, Sen. James O. Eastland (D-Miss) will remain chairman of the Senate Judiciary Committee.

Similarly, Rep. Graham Barden (D-NC) will remain chairman of the House Committee on Education and Labor and Rep. Howard Smith (D-Va) will remain chairman of the Rules Committee, along with all the other holdover Democrat chairmen of high seniority.

All this is interpreted to mean that any chance of getting a liberalized civil rights program, Taft-Hartley Act revision and President Eisenhower's school aid program would be stymied if a Democrat-controlled Congress is elected.

THE DEMOCRATIC answer to this is—Well, look what happens if the Republicans win control of Congress.

Sen Joe McCarthy (Wis) would again become chairman of the Committee on Government Operations.

Sen George W. Malone (Nev) would become chairman of Interior and Insular Affairs Committee, which has control over natural resources and public power policy.

And such opponents of many Eisenhower policies as Sen. John W. Bricker (Ohio) and William E. Jenner (Ind) would also return to chairmanships of Interstate Commerce and Rules.

Farther down the seniority line but up for re-election this November are such conservative Republicans as Homer Capehart (Ind), Everett Dirksen (Ill) and Herman Welker (Ida).

Also, Ex-Senator Chapman Revercomb (W VA), another archconservative, is running for the seat made vacant by the death of Sen Harley Kilgore.

TO MATCH THIS team, the Democrats have several Senate candidates equally conservative in their points of view: Strom Thurmond and Olin Johnston (SC), Sam J. Ervin, Jr., (NC), Herman Talmadge (Ga) and Alan Bible (Nev).

Faced with this lineup, the voters take their chances on which team of right wingers they want to run things for them in the next U. S. Senate.

It is a choice more important for the next president than it is for the voting public.

Both President Eisenhower and Adlai Stevenson are sponsoring what the extreme reactionaries in the States Rights' third party call "socialism," but are more moderately described as liberal programs.

The problem of support is really tougher for Eisenhower than it is for Stevenson.

If the Democratic candidate should be elected, he would naturally expect more opposition from the Republican congressmen than from those in his own party.

ON THE OTHER hand, Eisenhower can look forward to more conservative opposition from the congressmen of his own party than from the Democrats.

The President's trouble with the Democrats in the last Congress was that they wanted to go to more liberal extremes than he did on many issues.

National Committee for an Effective Congress, which supports only candidates who lean far liberal, has made a tabulation showing that in the last Congress, 19 GOP senators supported Eisenhower programs consistently, 19 opposed him consistently and nine voted sometimes one way, sometimes t'other.

If President Eisenhower is to carry out his ambition to make over the GOP along more progressive lines his problem this year, as he says, is "to get as many Republicans as I can possibly get, going down the line with me."

Late Lesson

Milwaukee (AP) — William Borchardt took his wife Lillian for a driving lesson and both wound up in a hospital with painful but not too serious injuries. They were hurt when the car left a roadway and struck a tree. Borchardt is 79, his wife is 75.

So They Say..

We are better for having listened to you, because there are many of us in politics who need to have our souls scrubbed.
—Ohio's Gov. Frank Lausche after listening to Miss Mahalia Jackson, singer of spirituals.

* * *

For the first time in over five years, the prices of farm products are looking up . . . with the prospect of getting better (instead of worse).
—Agriculture Secretary Benson.

* * *

It is impossible fully to rely on Egypt's promises because Egypt has demonstrated in previous matters that it is incapable of withstanding the impact of pressure and passion, and has shown contempt for the rights of others.
—Paul Henry Spaak, Belgian foreign minister, tells the UN.

Twenty and Ten Years Ago

Nov. 2, 1936—The Rev. Frank H. Neil, former pastor of St. James Methodist Church here, died in Middletown, where he had been pastor of St. Paul's Methodist Church.

Miss Elizabeth Kraus of Andrew street, was appointed superintendent of nurses at the Ulster County Tuberculosis Hospital.

The Rev. J. Christian Port of Germantown, a former Kingston resident, was elected president of Columbia County Council of Religious Education.

Nov. 2, 1946—An attendance of 300 visiting students was expected at the Sectional All-State Music Festival to be held at the local high school Nov. 8.

The Kingston OPA office closed in compliance with a Washington directive.

A fire, believed started by boys, destroyed two haystacks in Port Ewen owned by Harry Van Aken.

John McCormick, 65, of East Kingston, died at Kingston Hospital of injuries suffered in a fall at East Kingston.

Today in National Affairs

Eisenhower Victory Is Seen With Possible GOP Congress

By DAVID LAWRENCE

Washington, Nov. 2—This is the eleventh Presidential election in which this writer has published his forecast of the result. The score thus far has been eight correct predictions and two misses.

The same formula has been used again and again, and in the case of the two predictions that didn't pan out, the mistake was not in the formula but in the information gathered by this correspondent in 1940 and 1948 which led to an overestimate in certain states of the amount of voter discontent due to economic conditions. The party in power in both those election years was better off on the economic side than was generally realized at the time.

Common Denominator

For basically, when fifty to sixty millions of persons vote, only the overriding issues — things that can be called the common denominator of the thinking of masses of people—are decisive.

The formula used by this writer in forecasting a Presidential election is to examine the economic situation state by state and determine to what extent economic contentment or discontent prevails. A satisfactory economic condition is reflected in the data of production, sales, profits and employment. This is called "prosperity" in the vocabulary of politics. It helps the party in power, whereas a "depression" or "recession" usually means that the party in power will be turned out of office. The economic factor can be overruled when an emotional issue sweeps the country. This happened in 1952 when "corruption" and its near-relative—the taint of "communism"—and the Korean war furnished the emotional issues. Likewise, in 1916, when World War I was going on, the Democrats had "prosperity" on their side in the West due to heavy wheat purchases from abroad, but depression in the East due to interruption of trade in manufactured goods. Yet, overriding everything else was an emotional issue. Its slogan was "he kept us out of war." So President Wilson won re-election.

'Peace, Prosperity'

In the present campaign "peace" and "prosperity" have been emphasized by the Republicans and questioned by the Democrats. But President Eisenhower's speech on Wednesday night of this week — pledging firmly to keep the United States out of the war in the Middle East—was a dramatic confirmation of the "kept-us-out-of-war" issue, and hence events have in the main benefited the Republican administration. The issue is not whether there is peace all over the world but whether American boys are involved in a war.

As for economic conditions, the nations is prosperous in almost all of the states. In the agricultural areas the situation is somewhat adverse for the Republicans due to the drop-off in incomes for the farmers. But many farm families which don't want to see their sons or farm employes going to war will be influenced, because of the peace issue, to support the President. Also the farm states are heavily Republican anyhow, and many of them can show a substantially reduced majority and still cast their electoral votes for Ike.

Survey of States

Looking at the list of "certain" and "doubtful" states, this writer presents a forecast which endeavors not to estimate the final tally but to establish a basic minimum—how the winning candidate is sure to get the 266 electoral votes needed to elect a president. The actual result next week may show a far greater electoral vote for Eisenhower, but the average reader primarily wants to know now the basis for picking the winner and only secondarily what the maximum electoral vote may be. Here is the erriducible minimum which makes it certain that President Eisenhower will be re-elected:

Arizona	4	New Jersey	16
California	32	New York	45
Colorado	6	North Dakota	4
Connecticut	8	Ohio	25
Delaware	3	Oregon	6
Idaho	4	South Dakota	4
Illinois	27	Utah	4
Indiana	13	Vermont	3
Iowa	10	Washington	9
Kansas	8	Wisconsin	12
Maine	5	Wyoming	3
Maryland	9		
Nebraska	6	Total	270
N. Hampshire	4		

It should be noted that the foregoing table elects Ike without Pennsylvania, Massachusetts, Rhode Island, Michigan, Minnesota, Montana, Nevada, New Mexico, Missouri, Oklahoma, Kentucky, Virginia, Tennessee, Florida and Texas.

This writer doesn't expect Ike to lose all those states—in fact, quite a number of them will go Republican. For the pattern of prosperity applies to several of them, and the peace issue applies to them all. Also, "good times" prevail uniformly in the populous states with the exception of Michigan and Pennsylvania, where recent unemployment may have left a large residue of discontented voters. Since the total number of "prosperous" districts exceeds the number of districts in the thinly populated states, the Republicans have a good chance also of winning both houses of Congress.

90 Called 'Doubtful'

There are ninety electoral votes classed by this writer as "doubtful" which could wind up in the Eisenhower column—Montana, Nevada, Minnesota, Michigan, Pennsylvania, Massachusetts and Rhode Island. This would make Ike's total 360.

There are ninety-two votes also in the "doubtful" class that could wind up in the Stevenson column—New Mexico, Missouri, Tennessee, Florida and Texas—for a Stevenson total of 171.

The "ratio of doubt"—a phrase which this writer has used in previous forecasts of presidential elections — favors Eisenhower in the above group of states, which comprise ninety electoral votes. There is, on the other hand, even among the ninety-two votes classed as "doubtful" but leaning toward Stevenson some question now about several states he has been expected all along to carry, such as Texas, New Mexico and Florida.

Personal Preference

Personal preference plays no part in this forecasting business, as this writer, while not supporting Franklin Roosevelt, forecast correctly his election on three occasions and in other years found it necessary to pick Republicans as winners, though actually favoring James M. Cox, in 1920, John W. Davis in 1924 and Al Smith in 1928, all Democrats.

So, to sum up, it looks like Eisenhower. A big surprise may come in the election also of a Republican Senate and House. It is a distinct possibility at this writing, due largely to economic conditions in the prosperous and heavily populated states and to the emotional issues of the hour, which could influence a good deal more straight-ticket voting than has come the way of the Republicans in recent presidential elections.

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AS PEGLER SEES IT

By WESTBROOK PEGLER

Chicago, Nov. 1—The customers who support professional athletic shows in the mid-west are a charming breed of lunatics whose rapture feeds on rapture. By a strange hypnotic power exerted on themselves they could become joyously and fiercely partisan to zero, hold rallies for zero and square off in saloons and fight for the honor and glory of zero. The fanatics of the west coast and Texas are only a little less abandoned while the patrons on the eastern seaboard are so objective that the New York Giants, an institution which the nation identifies with Manhattan island, Broadway and Tammany Hall, are fading away and may be moved to Minneapolis. The Boston Braves and Philadelphia Athletics, both historic and reeking of tradition, were released to Milwaukee and Kansas City without a qualm or sniffle.

The Chicago Bears are a professional football team operated by George Halas, who is indigenous, corny, clever and constantly surprised at a freak of crowd psychology which has made him a millionaire, the substance of the football phase of his fortune (he is an oil millionaire, too) is no more substantial than air, idle thoughts or emotion. He began with a subsidized team described as semi-pros, meaning players whose earnings are no better than the wages of unskilled labor. Mr. Halas moved his semi-pros into Chicago and really got his start when Red Grange quit Illinois abruptly after his senior season to go barnstorming and reap a little profit on a reputation which up to then had drawn a hoard of money to the University of Illinois.

As of then, Red had patches on his pants and though he did haul in a fortune in the next few seasons, the fantastic follies of his manager and Svengali, the late cash and carry Pyle, consumed most of it. Their ventures in the public entertainment included a shy and highly domestic mule-faced lady who was constantly courted by roguish john's with nose bags of oats at the stage door of Pyle's freak show at the Chicago World Fair and a proud policeman from India with a mustache eight feet long whose soul died when an enemy snipped it off as he slept. Mr. Plye later reported that the wretched cop died of a broken heart on his way home and was buried at sea.

Mr. Halas and a partner, Dutch Sternaman, both college veterans, owned and coached the Bears in those days, but Dutch had a gasoline filling station which needed shoring up in the panic of '29 and he sold his equity in the Bears to get the money. Halas had nights when his head turned to and fro on his pillow, but the course was not too hard once the Chicago fan, which is a contraction of fanatic, took the Bears into his sweaty, insensate, bawling embrace.

Here is a business institution whose customers have organized their own elite called the Quarterbacks' Club, a revolving roster of addicts who usually gather on Mondays in the Sherman Hotel to hurry through the standard $2.50 chop, chipped beef or London broil with a nubbin of ice cream and coffee, and then gorge their souls on personal discussion with veritable members of the actual team. Some, but only a minority, are antiquated football men, but most are fellows who never made the rank of hero in their time and twitch with spasms of delight in personal association with great men.

A quorum of these runs to about 250 head, but a big Monday may bring out 400 and the great event of the ceremony is the period when the air grows blue with smoke and the coaches and players arise in turn to answer questions which their idolators have written on blanks placed before them with the silverware concerning incidents in Sunday's game. The answers are considerate and usually to the point and the process, copied somewhat from the political press conference, gives all concerned a sense of superiority. The customers pay $4 for their seats on Sunday and turn out Monday to inflame their own devotion to a corporation organized with the profit motive, and this is the soul of Chicago pulsating in its harmless innocence.

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Questions -- Answers

Q—What date has been set aside by Michigan for recognition of literature in its public schools?

A—Oct. 21, Will Carleton's birthday. This American poet first won notice with "Over the Hill to the Poorhouse."

* * *

Q—Which was the first metal to be separated from its ore by smelting?

A—It was probably lead because it is very easy to reduce.

* * *

Q—How is the flower Alfilaria able to plant itself?

A—Each seed has a hairy, coiled tail that hooks rides on passing animals. When it falls to the ground and gets damp, the tail uncoils, sometimes twisting the seed into the earth.

Real Door Prize

Detroit (AP) — Jim Lowery, a truck driver, won a $7,000 truck trailer as a door prize at a truckers' convention. That was three days after he had sold his home "because it was too much to handle." So he took the equivalent of the prize in cash and bought a new home.

Holdup Nets $17,200

Sabinal, Texas, Nov. 2 (AP)—Two armed stickup men got away from the Sabinal State Bank with $17,200 yesterday although a spunky cashier had one of them trapped in the vault for a time. About six hours later police pounced on two men in a motel at San Angelo, 200 miles north. They still were under questioning today. Lee Braziel, chief of police at San Angelo, said officers found $17,391.01 in their motel room. He identified the men as Joe Douglas Nance, 35, of Austin, Tex., and Harold V. Seago, 35, of Odessa, Tex.

CALLOUSES
To relieve painful callouses, burning or tenderness on bottom of feet and remove callouses—get these thin, soothing, cushioning pads.
Dr. Scholl's Zino-pads

Local Attorney Fined $2,500 in Tax Filing Case

Syracuse, N. Y., Nov. 2 (AP)—A Kingston attorney who once worked for a legislative committee investigating horse racing has been fined $2,500 for failing to file federal income tax reports for the years 1952 and 1953.

The government charged that John Egan failed to report income of $17,263 for 1952 and $11, 568 for 1953. Egan pleaded guilty to the charge in U. S. District Court yesterday. He previously had pleaded innocent.

Egan served as executive director of a joint legislative committee created in 1951 to study all laws governing racing in New York State.

Wills and Trusts Topic at Kiwanis

"Wills and Trusts" was the the subject of a talk by Attorney Charles Gaffney at the Thursday noon luncheon of the Kingston Kiwanis Club.

Explaining that the presence of a will and the possible creation of trust funds was a help in the settlement of estates, the speaker pointed out that many difficulties were eliminated through the foresight of people who make a will.

Not only does the presence of a will give the maker the opportunity to leave his estate to whom he desires, but it also affords the possibility of naming an administrator for an estate.

Attorney Gaffney emphasized that a will should be reviewed periodically and changed to meet the changing conditions of the maker's life. Two witnesses are required for a will, and then the document should be deposited in a safe place so that it would be available when needed.

Synagogue News

Agudas Achim

Congregation Agudas Achim, 24 West Union street, H. Z. Rappaport, DD, rabbi—Open daily for prayer comfort and meditation. Formal services daily at 7 a. m. and 6 p. m. Saturday morning services at 8:30 Rabbi Rappaport will speak on the topic, What Is Fairness Today. Afternoon services at 4:30. Sunday morning services at 8. Sunday night the annual cafeteria supper of the Sisterhood in the Vestry. Serving starts at 5. Hebrew school and Sunday school will meet at the Center Sunday at 9:45 a. m. The rabbi's adult class in Hebrew will meet Tuesday at the Vestry Hall. Everyone is cordially invited to attend all services.

Airman Found Innocent

Delhi, N. Y., Nov. 2 (AP)—A 20-year-old airman from Downsville has been found innocent of criminal negligence in the hunting death of another man last Aug. 10. Airman 1/C Floyd R. Mills was acquitted last night by a Delaware County Court jury which deliberated an hour and 20 minutes. The trial opened Wednesday before Judge Walter L. Terry. The trial stemmed from the death of Arthur Banuat, a 36-year-old farm worker who was shot to death near Downsville. Police said Mills told them he had fired at what he thought was a chipmunk. Banuat was kneeling on the ground, police said.

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See our Cascade of Color display of this year's newest colors precisely matched in both—

Super Kem-Tone ... de luxe latex wall paint

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- Come in and select your colors from our big Color Cascade selection—free take-home color samples.
- For beautiful velvet-like walls in living rooms, dining rooms, and bedrooms, use your favorite colors in guaranteed washable Super Kem-Tone.
- Match your woodwork to your walls with the same color in Kem-Glo, the miracle enamel with the rich subdued lustre.
- Make your kitchen and bathroom high in style with Kem-Glo's new colors, too.

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RIGHT NOW YOU CAN SAVE $5.00 on the most practical drill kit ever offered...

PORTER-CABLE MODEL 161-SDK
SCREWDRIVER DRILL KIT

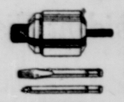
Here for the first time is a drill kit that gives you real value! This kit helps you make quick, easy work of two of the most important jobs of a ¼" drill . . . drilling pilot holes for wood screws and actually driving the screws.

Porter-Cable Quality Electric Tools

HERE'S WHAT YOU GET TO DO A BETTER, FASTER JOB!

NEW, MORE POWERFUL Porter-Cable ¼" Drill . . . the Model 161. Designed for the homecraftsman, this drill has many features found on the more expensive drills.

NEW Porter-Cable SCREW SETTER. Drills pilot holes for screws, countersinks for the screw head, counterbores for putty or wood plugs . . . ALL IN ONE SIMPLE OPERATION!



NEW Porter-Cable SCREWDRIVER ATTACHMENT. Converts ¼" drill to a power screwdriver. Two bits furnished . . . one for slotted screws, one for Phillips screws.

PLUS... 3 High-Speed Twist Drills. Precision ground for easy accurate drilling. Carrying Case. Protects drill when not in use.

Regular price $41.95 Now . . . $36.95

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POTTER CABLE TOOLS
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SHULTS PAINT CO., Inc.
"BETTER PAINTS and WALLPAPERS"
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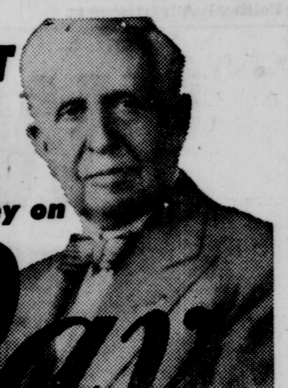

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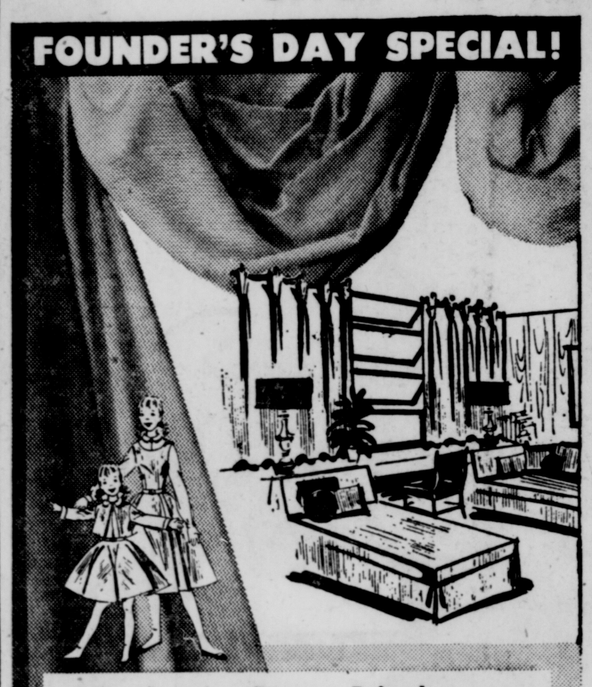
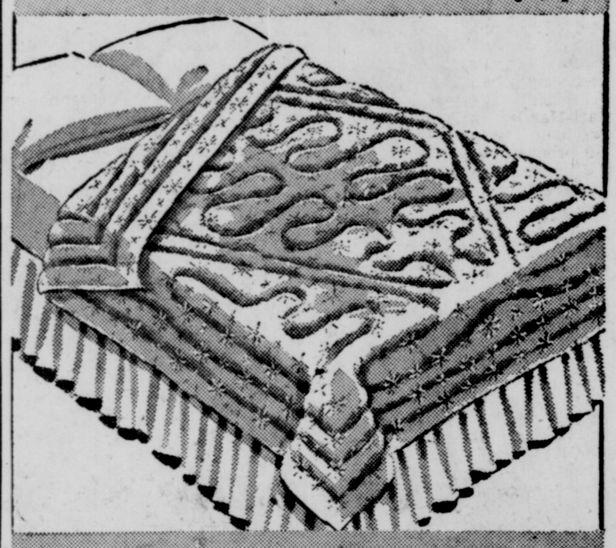
SHOP TONIGHT 'TIL 9 P. M. AND SAVE!

FOUNDER'S DAY SPECIAL!



A Look-twice Penney Price!
PINWALE CORDUROY
Unheard of . . . Velvety jewel bright pinwale corduroy at such a low Penney price! See what wonderful separates you can make, what's better than long-wearing corduroy for children's clothes?
77c YARD

NYLON COVER . . . A-FLURRY WITH GOLDEN FLAKES!



VIRGIN DACRON®-FILLED
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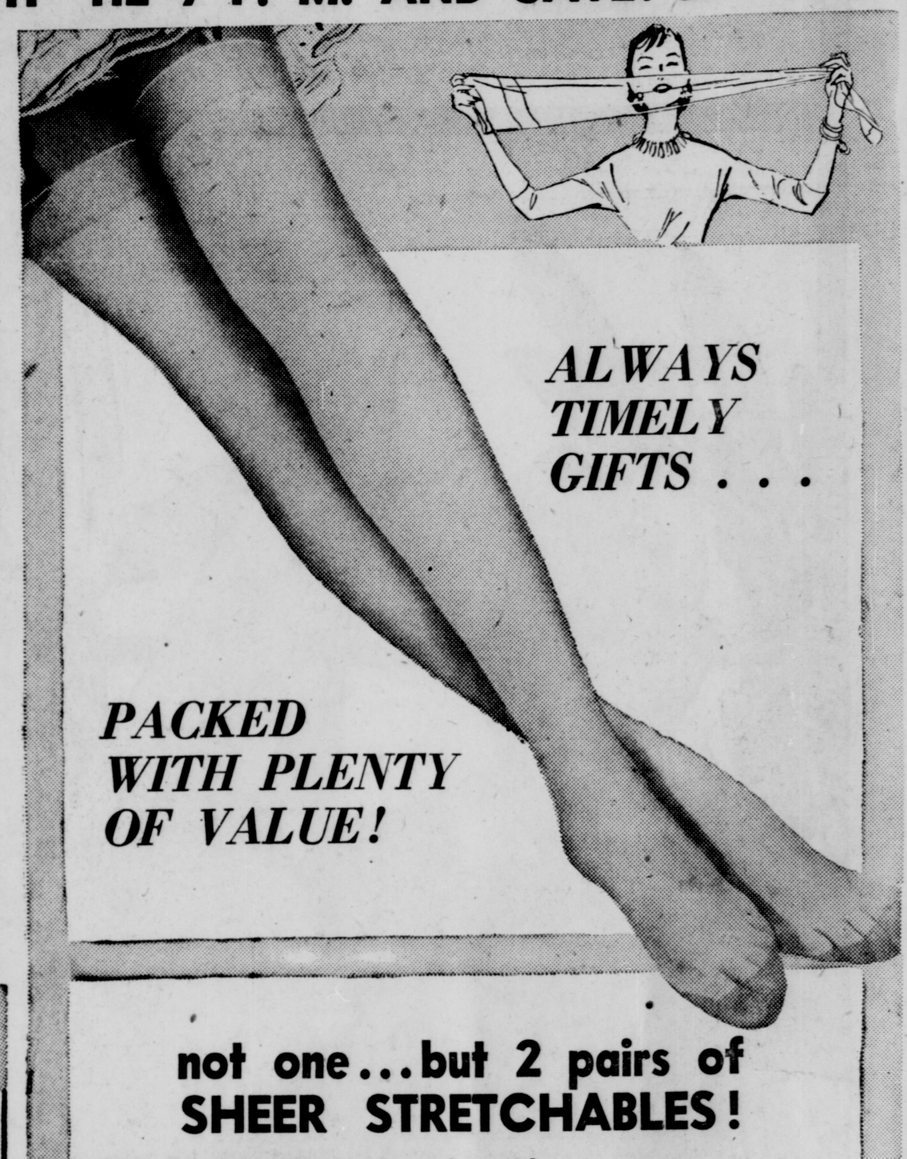
Thrift-priced yes, but quality backed by Penney's and famous Dupont! Airlight! Warm! Machine wash in lukewarm water.
$10 72 by 84 inch cut size

Machine Washable Corduroy Sport Shirts
More proof it pays to shop at Penney's! One of the smartest, most practical of all shirtings, at a special Penney price! Machine washable cotton pinwale corduroy, 2 pockets. S, M, L, XL.
2.77 Boys' Sizes $2



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SIZES: MIDGE, NORM, LONG

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2 pairs 1.35

SUCH A TINY PRICE FOR LUXURIOUS 100% WOOLS!
SAVE!
$27

It pays to shop Penney's for FASHION COATS WITH FABRIC NEWS!

Shiny Black! Zibeline Fleece! Nubby Tweeds! Textured Whitney! Every one so smartly styled, you'd expect them to cost much, much more! Designed, cut and draped with all the newest fashion details... back belts, lowered yokes, tapered push-up or full deep-cuffed sleeves, exciting collars or cardigans! Choose one today . . . at Penney's!

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"Who will be best for our kids?"

That's the vital question:—Who is the man best fitted to hold the hopes of America's children?

Our president, during the next four years, must make decisions which could spell the difference between a life worth living and a lifetime of terror!

President Eisenhower says: "Weakness invites aggression . . . strength stops it."

The Democrat candidate says that America must have stronger national defense . . . and in the same speech he recommends that America suspend H-bomb tests and terminate the draft!

A change in the Presidency now would amount to trading a proven leader for a speechmaker who contradicts himself.

Vote for the man who will keep our kids safe . . . Vote for Ike!

"It is not enough that their elders promise 'peace in our time'; it must be peace in their time, too, and in their children's time. Indeed, there is only one real peace, and that is peace for all time."

—President Eisenhower

Vote for IKE and peace...
Vote row "A" all the way

The New York Republican State Committee, 45 East 45th St., New York, N. Y.

Freed Cardinal Asks West Help For Hungarians

Budapest, Hungary, Nov. 2 (AP) —Josef Cardinal Mindszenty today pleaded for the western world to support Hungary's fight for freedom from Communist dictation.

The cardinal, who was liberated by freedom fighters in the anti-Soviet revolution, addressed a crowded news conference here today. Standing patiently in a small room of his Budapest residence, which still bears the scars of World War 2 fighting, the cardinal blinked into photographer's flashbulbs and said:

"We have many heroes in our country now and thousands of wounded in our hospitals. We ask the west—and especially the big powers—to support us politically, and also to aid us materially in this grave situation."

Judge Myers Reports $2,323 Area Fines

A total of $2,323 in fines and two jail sentences were imposed for various offenses in the town of Saugerties for October, according to the monthly report of Glenford Myers, justice of the peace.

Judge Myers disposed of 156 motor vehicle violations; one civil action; three conservation cases and in addition performed one marriage.

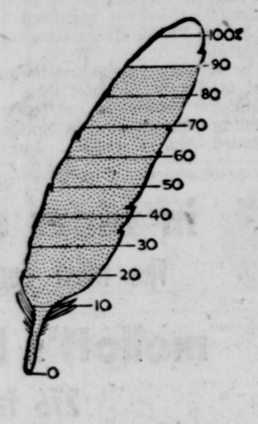
A Man's Life

Muskogee, Okla. (AP) — Mrs. Lena Daugherty believes dogs deserve just as much luxury as their best friends. And luxury is what she provides at her "country club for dogs."

REAL ESTATE FOR SALE— If you have property for sale, and want to sell it for the maximum profit, advertise it in the classified ad columns of The Daily Freeman. Call 5000 today.

Red Feather Results

Goal: $108,000



Raised to Date $96,460.59

DIVISION TOTALS:

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Advance Gift	13,529.19
Commercial	14,980.00
Professional	6,946.00
Education	2,016.00
Government	798.00
Bldg. & Trades	440.00
Special	87.05
Neighborhood	7,884.61

Denies Ike Ever Favored Ending H-Bomb Tests

Washington, Nov. 2 (AP) — The White House says it isn't so that President Eisenhower once backed the idea of ending tests of big hydrogen weapons. Four Democratic senators had asked.

Eisenhower "has never changed from the judgment," Press Secretary James C. Hagerty said yesterday, that along with any agreement to end use or testing of nuclear weapons "there must be proper safeguards."

He was replying to a telegram from Sens. Anderson (D-NM), Monroney (D-Okla), Fulbright (D-Ark) and Mansfield (D-Mont). And indirectly he was replying to Adlai E. Stevenson who a week ago in Alburquerque, N. M., referred to newspaper reports which he said related that Eisenhower administration officials had favored halting bomb tests until Stevenson made a similar proposal.

Stevenson, the Democratic presidential nominee, has urged repeatedly that this country take the lead in seeking agreement to halt major H-Bomb tests. Eisenhower has said this isn't safe without some system of inspection to insure compliance with such an agreement.

WOODSTOCK NEWS

By RICHARD E. THIBAUT, Jr.

Memorial Exhibition Of Crafts Opens Today

Woodstock, Nov. 2—Crafts Co-operative Shop is presenting a memorial exhibition of the work of the late Phillip Weller of Clintondale starting today. The show will be on view for two weeks.

An expert craftsman in the field of wood turning and finishing, he had worked at the craft since childhood, but did not do wood turning on a lathe until 1947. He was unable to find any books or printed material that proved helpful, so he taught himself to do the turnings. Research and experimentation resulted in the finish that gave his turnings the soft velvet smoothness and durability which characterized his work.

Crafts Co-op has gathered together some of his finest pieces, borrowed from their present owners. Also included in the exhibit will be the few remaining pieces available for purchase.

Phillip Lloyd Weller was born in Richmond, Ind., in 1906 and died at his home in Clintodale, August, 1956. He was a graduate of Indiana University.

He was very much interested in art and in crafts throughout his life. As a young man he helped to organize art exhibits in Richmond, and he himself worked in the medium of pencil and charcoal, doing portraits. During the depression years he worked in the De Laval Co. and later operated a small fruit farm in Uster county for reasons of health.

The exhibition will be open from 1:30 to 5:30 p. m. daily except Sundays, through Saturday, Nov. 17.

Mrs. Schoonmaker To Conclude Lectures

Woodstock, Nov. 2—Mrs. Nancy Schoonmaker will conclude her course of six lectures Wednesday, Nov. 7, at 3 p. m. in the Anna Carolan Studio.

She will give a review of the previous five countries discussed which are located in the Middle and Near East. She has given the historical and geographical background of these countries. Among these countries are included: Egypt, Indonesia, Pakistan, India, Afghanistan, Israeli, Jordan and Algeria.

This course marks Mrs. Schoonmaker's 10th year of lectures to her group. At the fifth lecture October 31, the group honored her with a special tea.

Motor Club Schedules Officers Night Fete

Woodstock, Nov. 2 — Woodstock Motor Club will hold "Officers Night" at the next meeting, at the Maverick Inn, located on Route 28, about four miles north of Kingston, Sunday at 7:30 p. m. Members are asked to bring a flashlight and all the rally equipment they will need. Guests are welcome to attend. A short business meeting will also be held.

Greco Elected Head Of Merchants Group

Woodstock, Nov. 2—Election of officers took place at the meeting of Woodstock Merchants Association held Tuesday night at Deanies. Officers elected were: Charles Greco, president; Harry Alpern, vice president; B. MacManus, secretary; Karl Cousins, treasurer. The board of directors as follows: Joseph Forno, L. B. Stowell, Paul Fenster and L. Wald.

Promotional ideas were discussed but no decisions were made.

The next meeting of the Association will be Tuesday, Nov. 13, at Deanies at 9:30 p. m.

Legion Auxiliary Slates Turkey Dinner

Woodstock, Nov. 2—The American Legion Auxiliary, Post 1026, will serve a turkey dinner, at Odd Fellows Hall, Bearsville, first serving at 5:30 p. m., Saturday, Nov. 10.

The committees are: dining room—Mrs. Claire Friedberg, chairman; Ruth Bark, Velma Grazier, Ethel Hogan, Kay Robertello, Doris Aplustil.

Kitchen committee — Mrs. Therese Grazier and Mrs. Walenah Cashdollar, co-chairmen; Mrs. Rose Peacock, Mrs. Fannell Franckling, Miss Florence Peper, Mrs. Edith Snyder, Mrs. Ethel Hasbrouck and Alice Woestendick.

Mrs. Marjorie Harder is in charge of tickets, which may be purchased from her or from Mrs. Wayne Underhill at the Woodstock Dry Cleaners.

Rotary Club Hears Snyder Talk on Todd

Woodstock, Nov. 2—At the meeting of the Woodstock Rotary Club last Monday night at Deanies, Frederic Snyder said that the Rev. Harvey I. Todd of Woodstock was responsible for the program in which Mrs. Thomas Watson Sr., was touched by the Lafayette Baton. He reported that the Rev. Mr. Todd had worked tirelessly on the preparation of the program.

Colored slides of an exceptional nature of the Woodstock area were shown by Charles King.

Village Notes

Woodstock, Nov. 2—William McReady is in the Veterans Hospital in Albany and underwent surgery Tuesday.

Sherman Funk is in Greene County Memorial Hospital, Catskill.

Mrs. Pearl Shultis had as her weekend guests, her son, Warren Shultis of Swarthmore, Pa., and Mr. and Mrs. Paul Hippely of Wilmington, Del. Saturday evening she was hostess for a dinner party in honor of her nephew and his wife, Mr. and Mrs. Gordon Churchwell of Seoul, Korea. Other guests were Mr. and Mrs. John Sathrop of Kerhonkson.

Woodstock, Nov. 2—The first meeting of the new Adult Education class in Dramatics was held at the Woodstock School last Tuesday night.

Announcement was made that William Hand, chairman of the Woodstock drive for the March of Dimes fund, has asked the new drama group to present the March of Dimes show either late in January or early February. Mr. Hand is the first associate member of the group. The show will consist of three one-act plays, and will be a variety show with song and dance numbers interspersed with dramatic presentations.

The regular Tuesday night meetings of the group will be held at the school and the Friday night meetings at the home of Mr. and Mrs. Sherman Funk.

Mrs. Rena Altenritter was appointed secretary of the group.

A discussion took place on the associate membership but no plans were announced.

Trooper Joseph Ellsworth of the Phoenicia Barracks was transferred to the Kingston Barracks Wednesday.

Hope Fading for 116 Trapped in Mine

Springhill, N. S., Nov. 2 (AP)— Only faint hope was held today for 116 men trapped more than 3,000 feet below ground in a gas-choked coal mine shattered by a blast that already has claimed 9 lives.

Rescue workers found two bodies during the night at the 3,400-foot level. They said they saw no sign of life in the deep workings where the remaining 116 were known to be trapped.

Six other miners were fatally injured when the explosion roared through the Cumberland Railway and Coal Co. mine slope last night, leveling buildings and reducing surface workings to rubble. Gas fumes killed one rescue worker.

Nine men were hospitalized.

The fumes hampered volunteer efforts to get to the men entombed in gas-filled shafts. If efforts fail, it will prove Canada's worst mine disaster in 40 years.

Missing Words

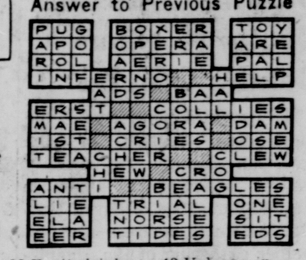
ACROSS

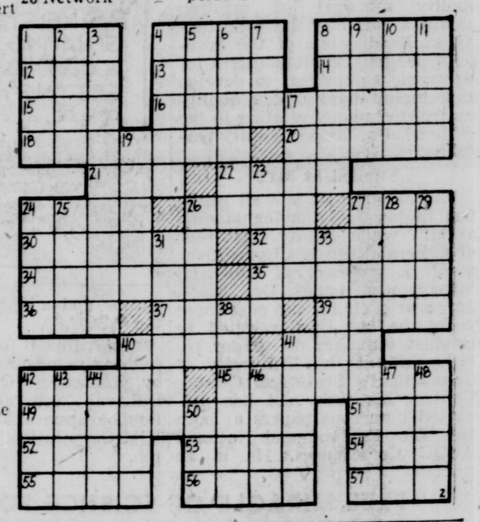
1 —— goes the weasel
4 —— and sound
8 —— and carry
12 Ginger ——
13 The —— eye
14 Century plant
15 —— Galahad
16 Provers
18 High hats
20 Regions
21 Sea eagle
22 Mountain lake
24 Poker stake
26 Spore sacs
27 ——, la, la
30 Frozen dessert
32 Accustomed
34 Angrier
35 Hebrew tribesman
36 Split pulse
37 Chest bones
39 Chills
40 Stead
41 Cow's call
42 Weird
45 Jibed
49 Passing
51 Rage
52 Number
53 Snicker ——
54 Nothing
55 Insects
56 Cat cries
57 Lamprey

DOWN

1 —— and gone
2 Medley
3 —— motion
4 The —— deadly sins
5 State
6 Top prizes
7 High priest
8 Stone heap
9 Toward the sheltered side
10 Rail
11 Nazi, Rudolph ——
17 Cooked cereal
19 Soldier's advance money
23 Sour substances
24 Among
25 Irish girl's name
26 Eagle's nest
27 Twilled cloth
28 Network
29 Fruit drinks
31 Baseball's World ——
33 In —— there is strength
38 Hydrocarbon
40 Read between the ——
41 Silent persons
42 Volcano in Sicily
43 Ireland
44 Rave
46 Afresh
47 Iroquoian Indian
48 Farmer in the ——
50 Doctrine

Answer to Previous Puzzle





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On Route 28A in West Hurley

BUY $100 OR MORE FOR

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IKE *WANTS* JAVITS

The following is an excerpt from President Eisenhower's speech made at Madison Square Garden, New York City, October 25, 1956:

"I wonder if I could give you a few words of what I feel about Jack Javits. I've known him for some years. I have served with him in Washington. I have found him a man dedicated to his country, devoted to his duty and wrapped up in his public service.

"So I would hope that on November 6th, every friend of his, every friend of mine —everybody who believes as he does in good, clean government—will turn out and give him such a blazing majority that he will go to Washington inspired by your actions, uplifted in spirit to do a job for you—for the country—and for peace!"

Elect **JACOB K. JAVITS** *Senator*

Vote **ROW A** *All the way!*

New York Republican State Committee • 41 E. 42 St., N. Y. C.

---and I mean you Mr. Newcombe ---for keeping our house as warm and comfortable as you do.

Dad says, it pays in the long run to deal with a dependable oil company, and I can see now what he means.

So–thanks again, Mr. Newcombe!"

AUSTIN R. **NEWCOMBE** & CO., INC.

Manor Lake Kingston 640

WE URGE YOU TO

ATTEND ORGAN CONCERT

by the world Renowned Organist-Composer Conductor

OLD DUTCH CHURCH, Cor. Main and Wall

SUNDAY, NOVEMBER 4 at 4 P. M. **ELLSASSER**

FREE WILL OFFERING

Quality Control Group to Hear Bendix Official

The program committee of the Mid-Hudson Section of the American Society for Quality Control is pleased to announce that William MacCrehan of Bendix Radio will address the November gathering of the organization.

Mr. MacCrehan's subject will be "Vendor - Vendee Relationship - A Challenge to the Economics of Manufacturing." The meeting will be held at Nick Beni's Anchor Inn, Poughkeepsie at 7 p. m., Tuesday.

Mr. MacCrehan, presently quality manager of aviation products, has had the opportunity at Bendix, one of the country's leading manufacturers of electronic equipment, to develop and employ many unique quality control techniques relating to the evaluation of vendor quality performance.

Studied at MIT

Mr. MacCrehan is well qualified in his field, having studied at MIT while quality superivsor at General Electric's Lynn River plant. A professor of industrial management under Dr. J. M. Juran at NYU for the past three years, he has been selected to conduct seminars on vendor relationship at the University of Connecticut's Statistical Quality Control Institute, and has presented numerous papers at both the New England and National ASQC Conferences. He is an author and a fellow member of the ASQC.

Reservations for dinner preceding the meeting may be made by contacting: Casper Rose of DeLaval Separator Company, Poughkeepsie and Richard Hoyt, IBM Corporation, KMPD, Kingston.

THEY'LL DO IT EVERY TIME (Registered U. S. Patent Office) By JIMMY HATLO

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Cub Scout Pack 9 Observes Theme

Cub Scout Puppeteers, Scouting theme of the month was observed by Cub Pack 9 of the Evangelical Lutheran Church of the Redeemer this week at the church hall.

Each den participated with displays and puppet shows, many featuring Halloween. The opening ceremony was conducted by the Cub Scouts of Den 1.

Cubmaster Robert Elliott announced that the Den Mothers will assist the Explorer Post and the Scout Troop in serving a dinner November 27 to honor the Eagle Scouts of Rip Van Winkle Council.

Halloween Party

A Halloween party under the direction of the Ideas Committee, Mr. and Mrs. William Meyer was held following the meeting. During the grand march of costumed Cubs the judges, Mrs. Edward Parker, Jean Gaise and Raymond Krom selected Kenneth White as the most original and Bernadette Travis as the funniest.

Awards of the month presented by Cubmaster Elliott were as follows:

Wolf Badge, Frederick Travis; Bear Badge, Andrew Gilday and William Reynolds; Lion Badge, Dennis Markle; Gold Arrows, Frederick Travis, Thomas Gilday, Ronald Reynolds, John McCullough, Donald Lane, William Reynolds and Dennis Markle; Silver Arrows, Raymond Cole, Wayne Meyer, William Daum, Robert Elliott, Robert Villielm, Gerard Buboltz, John Mc Cullough and Dennis Markle.

Denners stripes were awarded to Robert Elliott and Thomas Gilday. Assistant denner stripes were awarded to Robert Villielm and John McCullough, Raymond Cole was awarded a one year service pin. Following the program refreshments were served.

The next meeting is scheduled November 26.

Marriage on Rocks

Hollywood, Nov. 2 (AP)—The five-year marriage of British actress Diana Dors, 24, and Dennis Hamilton, 32, is on the rocks. Miss Dors, often billed as England's version of Marilyn Monroe, issued this statement through her studio yesterday: "There has been much speculation in the past week about our marital situation and I feel that a statement of fact should be made to clarify it. Dennis and I are separating."

Crosby With Sullivan

New York, Nov. 2 (AP)—Bing Crosby will appear on Ed Sullivan's CBS TV show here Nov. 11. He may do some singing.

Luther Leagues Of Saugerties Schedule Tour

Intermediate and senior Luther Leagues of the Evangelical Lutheran Church of the Atonement in Saugerties will take a trip to Wagner College, one of the colleges of the United Lutheran Church in America, on Staten Island, New York city Saturday.

The local youth groups, which is for seventh graders through high school, plan to leave early Saturday morning, with various members of the congregation providing transportation.

The Rev. Richard I. Crossland, pastor, who will accompany the Leaguers on this trip, said that there will be a tour of the college, then the group will have lunch in the Hawks Nest on the campus and then they will see a football game between Wagner College and Susquehanna University of Pennsylvania. It is expected that about 25 young people will make the trip.

Sunday, Nov. 4, the Hudson Valley District Luther League, of which the local leagues are a part, will have a rally at St. John's Lutheran Church, Middletown. Karen Lewis, Zane Lauva and Joy Brackett are expected to attend with Miss Margaret Gippert, one of the advisors.

The regular meeting of the Luther League will be held at the church Sunday at 7 p. m. Besides Miss Gippert, Mr. and Mrs. Edwin Olson serve as advisors to this group.

Immanuel Meets Tonight

A special meeting of the voting assembly of Immanuel Evangelical Lutheran Church, Livingston street, will be held tonight at 8:30 o'clock. Procedure relative to the calling of a new pastor will be instituted at this meeting and all voting members of the congregation are urged to attend this meeting.

Kripplebush

Kripplebush, Nov. 2—Kripplebush official board will meet in the church Monday at 8 p. m.

Mrs. J. Goodwin returned to her home Friday from Kingston Hospital.

The WSCS will conduct its annual food sale Election Day.

Out of towners attending morning church services Sunday included Mr. and Mrs. James Cooke, Mrs. Irvin H. Barley and Mr. and Mrs. Julius Haener Jr., and family of Ellenville; Mr. and Mrs. Chester Miller and family and Mr. and Mrs. Donald D. Christiana and family. The latter family spent Sunday with Mr. and Mrs. Claude Christiana. All attended the evening week of prayer service.

Mr. and Mrs. William Schwarz and family visited her mother and other relatives in White Plains Sunday.

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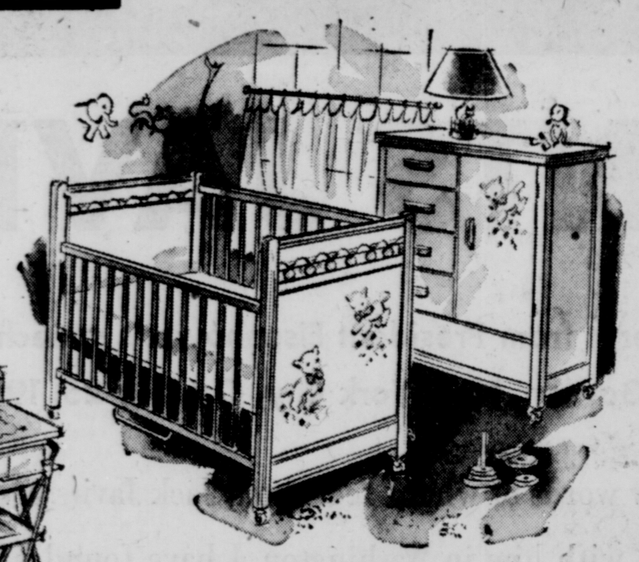

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Paul Freer Found

Several nieces and nephews also survive.

Funeral arrangements, in charge of Henry J. Bruck Funeral Home, 27 Smith avenue will be announced.

Was Stock Clerk

Mr. Freer, who was employed as a stock clerk by F. W. Woolworth Company store, was a member of St. Joseph's Church, St. Ignatius Loyola Post 1769, Catholic War Veterans; Joyce-Schirick Post 1386, Veterans of Foreign Wars and Kingston Lodge 550, Benevolent Protective Order of Elks.

Born in Kingston, Mr. Freer was a graduate of St. Joseph's School and Kingston High School.

World War 2 Veteran

He served in World War 2 with the army for four years and four months, part of which time was spent in the European and Pacific Theaters of Operation. He was awarded a combat ribbon.

Mr. Freer, who served a couple of seasons as secretary of the City Baseball League had acquired many friendships and acquaintances over a period of years through his devoted interest to sports.

Authority on Baseball

He became popularly known as the city's No. 1 rooter for the New York Yankee baseball team and was widely recognized as an authority of baseball statistics and data.

Mr. Freer acquired the nickname "Sure Shot" in his childhood when he became a pregame feature of basketball contests held in the middle 1930's during the last year Frank "Pop" Morganweck operated a professional team in this city at the municipal auditorium.

He would shoot baskets before the start of each game and the crowd reaction to his youthful enthusiasm prompted the nickname.

Guilty of Extortion

New York, Nov. 2 (AP)—A 32-year-old Bronx businessman has been found guilty of attempting to extort $535,000 from the late millionaire Serge Rubinstein, who was strangled early in 1955.

DIED

FREER—In this city, October 31, 1956, Leonora C. Freer, wife of the late Ralph Freer and mother of DeWitt Freer.

Friends may call at the W. N. Conner Funeral Home, Inc., Friday from 3 to 5 and 7 to 9 p. m. where funeral will be held Saturday, November 3, 1956, at 10 a. m. Interment in Riverview Cemetery, Port Ewen.

ORTHMANN—In this city, November 1, 1956, Anna M. W. Orthmann of 116 Main street.

Funeral at the Trinity Evangelical Lutheran Church, on Spring street, Monday, at 10:30. Relatives and friends are invited. Interment in the Shandaken Rural Cemetery. Friends may call at the parlors of A. Carr & Son, 1 Pearl street on Sunday between the hours of 2-4 and 7-9 p. m. Kindly omit flowers. In lieu of flowers, please send donation to the cancer fund.

RICHARDS—In this city, October 31, 1956, Mary McGowan Richards, of 76 Maiden Lane.

Funeral at the parlors of A. Carr & Son, 1 Pearl street, on Saturday at 9 a. m., and at St. Joseph's Church at 9:30 a. m., where a solemn requiem Mass will be offered for the repose of her soul.

SAXE—Entered into rest Thursday November 1, 1956. Florence B. Saxe mother of Mrs. James J. Volker, Mrs. Robert L. Maines sister of Mrs. Charles Roosa, Miss Betsy Worms and loving grandmother of James A. and Lisbeth A. Volker and Robert L. Maines 2nd.

Relatives and friends are invited to attend the funeral from the Jenson & Deegan Funeral Home 15 Downs St. on Saturday at 2 p. m. Burial will be in Montrepose Cemetery. Friends may call at the funeral home Thursday from 7 to 9 and Friday from 2 to 5 and 7 to 9 p. m.

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Local Death Record

Rhinehard Renk

Funeral services for Rhinehard Renk of Rosendale were held Thursday at 2 p. m. from George J. Moylan Funeral Home, Main street, Rosendale and were largely attended. Services were in charge of the Rev. Cuyler Thayer, pastor of Rosendale Reformed Church. Burial was in Rosendale Plains Cemetery where the Rev. Mr. Thayer conducted the committal services.

Mrs. Mary M. Richards

Mrs. Mary McGowan Richards, 83, of 76 Maiden Lane, died Thursday. The funeral will be held at the parlors of A. Carr and Son, 1 Pearl street Saturday at 9 a. m. and at St. Joseph's Church where at 9:30 a. m. a solemn requiem Mass will be offered for the repose of her soul. Surviving are several nieces and nephews. Burial arrangements have not been announced.

Cathy Ann Rice

Funeral services for Cathy Ann Rice, infant daughter of Robert H. and Elsie Proper Rice of Port Ewen, were held Thursday at 2 p. m. from the Francis J. McCardle Funeral Home, 99 Henry street with the Rev. William B. Reynolds of St. Peter's Church conducting the services which were largely attended. Many beautiful flowers completely banked the infant's casket. Burial took place in St. Peter's Cemetery where Father Reynolds imparted the final absolution. Bearers were Donald Rice, Robert A. Proper, George W. Proper and Louis C. Proper.

Mrs. Jennie Ann Edsell

Mrs. Jennie Ann Edsell, 92, of 162 Center street, Ellenville, died Thursday at her home. She was born in Homowack May 31, 1864, the daughter of the late Hugh M and Jane Terwilliger Melville. She was married Jan. 27, 1887, at Ellenville to Benjamin Edsell who died in 1929. Mrs. Edsell is survived by three daughters, Mrs. Ethel Elting and Mrs. Leota Slater, both of Ellenville; Mrs. Nina Holt, Elmira; a grandson, Edsil G. Brundage of Montville, N. J., and several nieces and nephews. Funeral services will be held Monday at 2 p. m. at the late home. The Rev. Ralph E. Spoor Jr., pastor of Ellenville Methodist Church, will officiate. Burial will be in Ellenville Cemetery.

Herbert Powell

Funeral services for Herbert Powell were held Thursday at 2 p. m. from the F. Daniel Halloran Funeral home, 88 West Chester street. Rabbi Herbert I. Bloom of Temple Emanuel officiated and spoke of the many religious, civic and fraternal interests of the deceased. The services were largely attended by the many friends of Mr. Powell, among whom were delegations from Myron J. Michael School, the New York State Department of Labor and the B'nai B'rith and Masonic Lodges, both local and upstate. Many friends called to pay their last respects and Wednesday evening at 8:30 p. m. Kingston Lodge 10, F & AM conducted their ritualistic services followed at 9 o'clock by the Zepaniah Lodge 131 B'nai B'rith. Burial was in Montrepose Cemetery where Rabbi Bloom conducted the committal. Bearers were Harold Newman, William Leonard, Gordon Craig and Joseph Avis.

Miss Anna M. W. Orthmann

Miss Anna M. W. Orthmann, who since 1928 has conducted the Orthmann Sanitarium at 256 Washington avenue, died Thursday at her home 116 Main street. She had been ill for some time. Born April 26, 1872 at Schleswig-Holstein, Germany, she went to England in 1890 where she studied nursing at the London Hospital. In 1912 she came to New York where she worked at the Henry Street Settlement but returned to England at the outbreak of World War 1 in 1914 and remained in England throughout the war period until 1918 when hostilities ceased. In 1920 she again came to the United States and in 1928 started the Orthmann Sanitarium in this city. Several times the sanitarium was expanded, with the purchase of additional properties on Washington avenue. One niece, Miss Irene Seymour of Kingston, survives. Funeral will be held at Trinity Evangelical Lutheran Church, Spring street, Monday at 10:30 a. m. Burial will be in Shandaken Rural Cemetery. Friends may call at the A. Carr and Son Funeral Home, 1 Pearl street, Sunday from 2 to 4 and 7 to 9 p. m.

Rep. St. George Sued

New City, N. Y., Nov. 2 (AP)—William H. Mauldin, seeking the 28th District congressional seat now held by Rep. Katharine St. George, has brought a $250,000 slander action against her. Mauldin, Democratic-Liberal candidate, filed suit yesterday charging the Republican congresswoman with falsely calling him "a subversive," "a left-winger" and "a tool of the Communists" in campaign speeches. Mrs. St. George denied she ever had referred to Mauldin as a Communist and added that she never had believed he ever was a member of the Communist party.

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Three Cleveland Papers Are Shut

Cleveland, Nov. 2 (AP)—This city's three large daily newspapers, which serve a population of well over a million, were shut down today.

Radio and television stations have expanded greatly the number and length of their newscasts.

The Cleveland Plain Dealer, a morning newspaper, was "discontinued" until further notice by Forest City Publishing Co. last night. The same company had discontinued its afternoon newspaper, the Cleveland News, late yesterday afternoon.

The Cleveland Press, a Scripps-Howard newspaper, stopped publishing because of a strike which began at 12:01 a. m. yesterday, called by the press unit of the Cleveland Newspaper Guild. The principal issue in an unsuccessful attempt to reach a new contract was a union demand for wage increases. Guild contracts at all three papers expired Wednesday night.

Buses Move Again

Cleveland, Nov. 2 (AP)—Eastern Greyhound Lines buses today were on the move again in many northeastern U. S. areas where drivers had walked out. And in Cleveland, union and company negotiators were enjoying their first sleep since marathon negotiating sessions started at 10:30 a. m. Wednesday. At 11:30 last night Federal Mediator G. Harry Young announced an agreement, subject to ratification by union members. He said drivers who had walked out were scheduled to return to work early today. Maintenance men went to work immediately after the agreement was announced.

Storm Off Florida Coast

Miami, Fla., Nov. 2 (AP)—An area of disturbed weather with winds up to 45 miles an hour was well out to sea off the Florida coast today and was moving in a direction that will keep it away from the coast. Center of the disturbance was some 550 miles east southeast of Jacksonville. Direction of movement was toward the north northeast at some 12 miles an hour. Highest winds are in a band extending 300 to 350 miles north and east of the center. Small craft warnings are displayed on the Florida coast from Daytona Beach south to Tavernier.

Man Still Missing

Wildwood, Fla., Nov. 2 (AP)—Jesse Woods, sought as a kidnaping and flogging victim of angry white men, remained unfound today by investigators still seeking clues to his fate. Authorities questioned a man listed as a principal in the Sunday abduction of Woods from the city jail here. FBI agents scurried about Sumter county seeking out clues. Neither group had anything to say. The FBI said only that it is studying the case.

Field Survey Postponed

Washington, Nov. 2 (AP)—A field survey on the Seneca Reservation near Salamanca, N. Y., has been postponed until the Indians give their approval. Edward E. O'Neill, Washington counsel for the Senecas, said yesterday a conferenec here with officials of Alster & Associates, Inc., a map-making firm, resulted in an agreement under which he will withdraw a move for a court injunction to halt the survey.

May Force Nordenson

New York, Nov. 2 (AP)—A Federal Court order may be sought next week to force Capt. Gunnar Nordenson of the liner Stockholm to continue his testimony in pre-trial hearings stemming from the collision of the Swedish liner and the Andrea Doria. Nordenson, 63, became ill last week while testifying and has been hospitalized. His physician said he suffered a cerebral spasm.

Awarded $2,000

New York, Nov. 2 (AP)—Mrs. Edna Christensen, a Cook county, Ill., resident who sued the Westchester county, for $20,000 in damages for injuries suffered in a fall on a sidewalk, was awarded $2,000 yesterday by a jury before Federal Judge Thomas F. Murphy. Her husband, Edward O., who sued for $5,000 for loss of her services and for medical expenses, was awarded $457.

Tuckahoe Man Killed

New York, Nov. 2 (AP)—One Tuckahoe, N. Y., man was killed today and another resident of the same suburban community was critically injured in separate auto accidents in Manhattan. Killed was Robert M. Gallimore, 22, a seaman (of 102 Highview avenue). His station wagon struck a concrete abutment at the Chambers street exit of the West Side Highway.

Confirm Suez Closing

London, Nov. 2 (AP)—The British minister of fuel and power confirmed today the Suez Canal has temporarily been closed. "We know that no ships are at the moment passing through the canal," said Minister Aubrey Jones. "Nobody can say how temporary it will be. It will certainly be the government's intention to see that any closing is as short as possible."

Treasury Receipts

Washington, Nov. 2 (AP)—The cash position of the treasury Oct. 30, 1956: Balance, $4,704,922,030.51; deposits fiscal year July 1, $20,510,574,010.31; withdrawals fiscal year, $24,444,230,677.11; total debt, (x) $275,647,055,610.88; gold assets, $21,909,574,676.29; (x) includes $457,607,142.86 debt not subject to statutory limit.

County Highway Employes Dine, Form Social Club

Employes of the Ulster County Highway Department held a dinner meeting Thursday night at the SRS Home, Cottekill, at which time they formed the Ulster County Highway Department Social Club and elected officers.

The movement to form a social club among the approximately 150 permanent highway department employes was started about a year ago when a testimonial dinner was held for County Superintendent of Highways Roland S. Green.

At the dinner 142 employes were present. County Superintendent Green presided as toastmaster and during the evening Senator Arthur H. Wicks, Conrad J. Heiselman and John E. Groves were introduced as guests.

Joseph Schrowang was elected president of the club; Henry Bickert, vice-president; John Snyder, secretary; William Eselby, treasurer and Thomas Edwards, financial secretary.

The meeting proved a great success and plans are underway for another dinner meeting shortly.

Of the 142 employes present, about 30 have been with the department over 25 years.

Wilson Says . . .

salaries of state employes one hundred per cent," he went on. "But what is the record? No such bill has ever been introduced, so I could not vote either for or against such a proposal."

Assemblyman Wilson drew some of his loudest applause when he struck hard at a problem close to the residents of Ellenville.

Cites New York Case

"I am sure that my Democratic opponent has conveniently not told you about bills which have been introduced year after year by the Democrat party that would exempt New York City Water Supply properties from real estate taxation. Can you imagine what such legislation would do to your general and school taxes? But don't worry about it. As long as you elect Republicans to the legislature we will never let such a bill pass."

Speaking on civil rights, Assemblyman Wilson blasted the Democratic record in Congress and paid high tribute to Senator Ives, who was author of the New York state anti-discrimination laws when he was Republican leader of the New York State Assembly.

Calls It Model Law

"The law proposed by Senator Ives and passed by the Republican legislature was the first of its kind in the nation. So successful has it been that it has served as a model for similar laws in 12 other states and 37 major cities. Today, through the leadership of New York state, one third of the American people are under Fair Employment laws."

"Remember these things when you go to the polls next Tuesday," Mr. Wilson admonished, as he urged the support of every Republican candidate on the ticket. "That's Row A all the way and that means good government."

Syria Breaks Relations

Damascus, Nov. 2 (AP)—The Syrian government today severed diplomatic relations with Britain and France. The action marked a final break in relations with France, which ruled this country from 1920 to 1946 on the strength of a League of Nations mandate.

High Falls

High Falls, Nov. 1—Reformed Church, the Rev. Roy P. Adelberg, pastor—Services for Loyalty Sunday 8:45 a. m. Sunday school worship service and instruction, Mrs. Ernest S. Jansen, superintendent. Adult Bible class under leadership of pastor at 8:50. Nursery at 9:40 and worship service and sermon at 9:45. Sermon title: "Better than Best" and the book to be studied is Matthew. The Ladies' Aid are serving a clam chowder luncheon and supper in the basement of the church Election Day. The public is invited. Chowder may be purchased to take home. Please bring container. Sunday afternoon, there will be the every member canvass.

St. John's Episcopal Church, the Rev. David W. Arnold, priest-in-charge—Services for 23rd Sunday after Trinity: 9:30 a. m. Sunday school service followed by instruction; 9:30 a. m. morning prayer and sermon by Father Arnold; 7:30 p. m. young Adults meeting at the rectory for a discussion on "The Book of Common Prayer Part 1, Morning and Evening Prayer."

Monday, 7:30 p. m. St. John's Woman's Auxiliary meeting at the home of Mrs. Alwin Nicholas. Tuesday, 7:30 p. m. Troop 16, Boy Scouts meeting at St. Peter's parish hall. Wednesday, 7:30 p. m. building committee meeting with William VanBenschoten, architect for the Diocese of New York at the rectory. Thursday 2 p. m. release time instruction for Marbletown School.

Miss Patricia McGraw of Mount Carmel, Pa. is visiting her sister and family, the Vyvian DuBois.

Mrs. Elsa Hart is visiting her brother and family, Mr. and Mrs. Otto Draudt in Marion, Ind. Her sister, Miss Anna Draudt will return home with her.

Scott Allen Moone, infant son of Mr. and Mrs. Fred Moone and Kevin Carl Gazley, infant son of Mr. and Mrs. Morton Gazley received the Sacrament of Baptism at the morning services in the Reformed Church Sunday.

President . . .

weapons and even abandoned our military draft?"

Sees Disaster Design

Then he went on to say to a round of applause:

"That is no formula for peace. It is a design for disaster."

Eisenhower aides had predicted in advance of his speech that he would devote a good part of the address to a reply to Stevenson's criticism of the administration's Middle East policy.

The same aides said in Philadelphia last night that the President changed his mind in part because he decided he wanted to discuss it as a matter which should be, as they put it, above politics.

Speakin against a huge facsimile of the Declaration of Independence as a backdrop, Eisenhower talked of developments in Poland and Hungary—and of the Soviet Union's role there—before turning to the Middle East and the moves against Egypt by Israel, Great Britain and France.

Talks on Satellites

Referring to efforts in the satellites to shake off Moscow domination, the President said:

"The peoples of Poland and Hungary, brave as ever through all their history, have offered their lives to live in liberty. And as the people have risen, so have new governments—and so has new hope.

"In all this the true intent of the Soviet Union seems not yet clear. We are—only today—troubled by news of new Soviet efforts to suppress the people of Hungary by force. If this be true, this is a black day of sorrow."

Eisenhower was alluding to reports from Budapest that reinforced Soviet troops had seized all Hungarian airfields in what the Budapest radio called a fresh Russian invasion.

Notes Russian Stand

Eisenhower said Russia "has declared its readiness to reshape oppressive policies of a decade—and to contemplate withdrawal of its forces from Poland and Hungary and Romania." Then he added:

"If this be true—and if this be done—there could be in the making a bright new day of justice and trust among nations."

Eisenhower was introduced by Republican Sen. James H. Duff of Pennsylvania, and the President plugged him for re-election.

Gets Big Ovation

Before he started his speech Eisenhower got a noisy and prolonged ovation from the crowd waving hundreds of "We Like Ike" banners. Pennsylvania is the President's adopted state and he and Mrs. Eisenhower plan to vote on Tuesday at Gettysburg, near their farm home.

The Philadelphia trip was Eisenhower's third into the state during this campaign in quest of its 32 electoral votes. He and the first lady traveled from Washington by special train and returned immediately after his speech.

IBM Plant . . .

H. Stang, George J. Silkworth, president of the Kingston Area Chamber of Commerce; and the Rev. Dr. Kenneth Neal Alexander, president of the Kingston Ministerial Association and pastor of St. James Methodist Church, who gave the invocation.

The principal speaker was Lieutenant General Donald L. Putt, deputy chief of staff for development, United States Air Force.

Others Participating

Others who participated in the program were Dr. James R. Killian, president, Massachusetts Institute of Technology; Thomas J. Watson Jr., president and chief executive officer of IBM; and Harold L. Felton, chairman of the IBM Kingston Advisory Board, Charles F. McElwain, general manager of the IBM Military Products Division, presided.

At the conclusion of the luncheon, guests were conducted on a guided tour of the Military Products and the Electric Typewriter Divisions.

Prior to the luncheon a meeting of the IBM board of directors was held at the plant.

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Downsville Man

quarters came from Sgt. Charles Hoehing, who was investigating at the hospital. He said he was informed by Dr. Robert Neary, who treated the woman in the emergency room that the bullet entered the woman's head from the left rear and came out over the left eye. She had not regained consciousness from the time she was taken from the scene to the time she died, the report said.

Police Spread Net

All area police units were notified as soon as it was indicated that Cleaver had allegedly left the scene of the shooting. Relays of his description were quickly sent out, and not long after the shooting, police were notified that a person bearing the description of Cleaver was given a ride to Mt. Tremper by Betty Morris of Carroll's Bait Shop, Rout 28.

Local police were notified at 8:47 p. m., by Margaretville state police that Cleaver, had been picked up at Downsville at his parents' home. Local Police Lt. Robert F. Murphy, Sgt. Lemuel Howard, detectives Clarence Brophy and Frank Sammons were dispatched there to bring him back to the city.

Cleaver was booked, fingerprinted and "mugged" at local headquarters and turned over to District Attorney Howard C. St. John, and his assistants John Larkin and J. Joseph Torocca for questioning. St. John said the murder charge was based on statements made to him by Cleaver.

Police Hold Car

A local police report said the 1953 Oldsmobile convertible owned by Russell Merrihew was compounded in the police garage.

Cleaver's birthplace was given as Liberty, and his full name as Franklin Delano Roosevelt Cleaver. His wife's maiden name was Dixie Mae Luscomb.

It was a car driven by Cleaver, local police said, which struck and seriously injured Capt. Edwin Murphy, of the local fire department in the uptown area last March. A warrant was issued and an investigation made, but he was not arrested at that time.

A Kingston taxi driver, George Geuss, of German street, said Cleaver yesterday had engaged his vehicle shortly before the shooting for a trip to Port Ewen, but as they started out, Cleaver saw another automobile and told the driver to follow it. The driver said Cleaver got out, paid the fare and left at a point near where the Merrihew car was parked.

All area police set up an extensive road-block system to cover all key points when it was reported that Cleaver had fled the scene. Cleaver was described as five feet, nine inches tall, weighing about 140 pounds, and was wearing a bright red shirt and green jacket, when he left the city police said.

Coroner Francis J. McCardle said an autopsy was ordered performed today on the body of Mrs. Cleaver to establish all technical and pertinent facts.

A local police notation said much credit is due the state police, County Investigator Arthur Brown, the sheriff's office, and civil defense radio operators for their assistance in the case.

Coroner McCardle said at noon today that results of an autopsy showed that Mrs. Cleaver had been shot twice, once through the forehead and once from back of the left ear. Both slugs lodged in the brain, he said. The forehead shot was from a point over the left eyebrow.

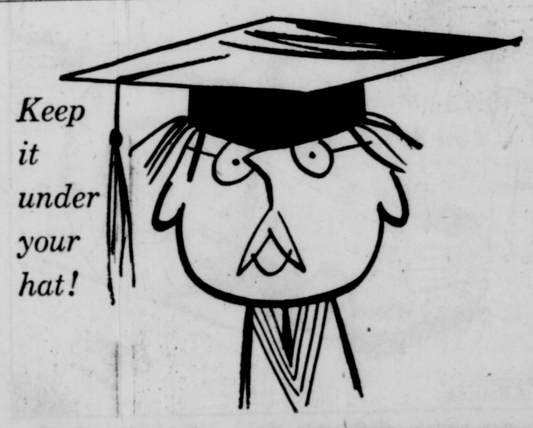
First cursosy examination, the coroner said, indicated that she had been shot only once and the slug had come out over the left eye.

Record for Mortgages

Washington, Nov. 2 (AP)—The Federal National Mortgage Assn. (FNMA) bought a record 122 million dollars worth of government-backed home mortgages in the July-September quarter of this year. J. Stanley Baughman, president of the government's mortgage buying agency, said today the high rate of activity reflected "the prevailing tight residential mortgage market."

Swiss Accepts Job

London, Nov. 2 (AP)—Switzerland accepted today the responsibility of watching the interests of Britain and British nationals in Egypt, the Foreign Office here announced. The action follows the breaking of diplomatic relations between Britain and Egypt.



OLDS FOR '57
has a host of extra-value features that make it a SMARTER BUY THAN EVER!
Go "buy" Olds . . . where your dollar buys you more! It's the value-car of the year with many extra-value features at no extra cost! Watch for it . . . November 9!
SEE IT FRIDAY, NOV. 9, AT OUR SHOWROOM!
Denton Cadillac-Oldsmobile, Inc., 250 Clinton Ave.
PHONE 1450

Israel Claims

recently received from the Soviet Union. They were reported destroyed at the Luxor base.

The French spokesman told a new conference the British-French air strikes continued yesterday and last night on all Egyptian airfields. The biggest, Cairo West about 25 miles west of the Egyptian capital, was subjected to a "violent bombardment," he reported.

Call Casualities High

The Israeli embassy in Washington estimated Egyptian casualties—killed, wounded and captured—at 5,000. "Israeli casualties are relatively light," it added, "including less than 100 killed."

Egypt stepped up a guerrilla campaign. Army headquarters in Tel Aviv said a large number of Egyptian Fedayeen commando units entered Israel's Negeb desert last night, blowing up a number of vehicles and irrigation vipes.

Israel has long charged that the Gaza strip was a jumping off point for Fedayeen raids.

Report Army Fleeing

Leaflets were dropped over the region declaring "Egyptian rule of the Gaza strip has come to its end. The Gaza strip is cut off from Egypt. The Egyptian army is fleeing south."

The French announced their carrier-based Corsair planes had attacked and set fire to a 2,600-ton, Russian-biult Egyptian destroyer off Alexandria. It was the fourth Egyptian ship casualty since the fighting started Monday night.

British and French naval units were reported closing in on both ends of the Suez Canal.

Egypt said navigation in the strategic Middle East waterway already had been halted by the British-French sinking of an Egyptian warship in the channel. British-French headquarters denied this account, saying British planes bombed and sank an Egyptian blockship outside the ship channel. The statement asserted Egyptian forces were towing the vessel into position for sinking to block canal shipping.

Says Ship Scuttled

A later British-French announcement from Nicosia claimed the British aircraft only damaged the ship—a tank landing ship (LST).

"Surviving the encounter, though damaged, she was maneuvered downstream and positioned broadside across the channel," it added. "Here she was evidently scuttled by the Egyptians, partially blocking the canal."

Modena Dance Tonight

Modena, Nov. 2—The harvest dance sponsored by Ulster County Pomona Young Adult Committee will be held tonight a 8 o'clock at Hasbrouck Memorial Hall, Modena. According to the committee everyone is invited to attend. Music for old fashioned and modern steps will be provided by the Kentucky Moonshiners.

HAIR EXPERT HERE TOMORROW

Trichologist G. S. Bishop uses scalp diagram to point out causes of hair loss to balding client. Mr. Bishop is coming here to advise men how to correct hair troubles by home treatment.

Basic Principle of Hair Loss and Growth Revealed by Expert

CINCINNATI, Ohio. — New home treatment methods for growing thicker hair—and preventing baldness—will be demonstrated in Kingston, N. Y., this Saturday, November 3.

G. S. Bishop, director of the famous Bishop Hair Experts organization, will be in charge. He will personally examine hair-worried men and women from 2 p.m. to 9 p.m. Saturday at the Governor Clinton Hotel.

20 Years Experience

Bishop has had more than 20 years experience studying—and correcting—hair problems. He summarizes his thousands of case histories in one simple, matter-of-fact statement:

"The healthy scalp grows healthy hair—naturally!

"It seems so obvious," says Bishop, "you might think no intelligent person would deny the truth. But when you accept it, you must rule out practically all the common beliefs about baldness.

"For instance, most people are convinced that baldness is hereditary—'runs in families,' so to speak. Yet I've never heard anyone argue that you can inherit an **unhealthy** scalp. So you can't very well inherit baldness, can you?"

Baldness Due To Age?

Bishop has an impressive record to back up his conclusions. More than 95% of those he treats are satisfied. He has permanent offices in Ohio, Pennsylvania, and New York. You'll find hardly a city or town in the many states covered by Bishop trichologists that doesn't have several satisfied Bishop clients.

"Another common idea," says Bishop, "is that a man just naturally loses his hair as he gets older. Why should he? Men's hair grows fastest between the ages of 35 and 60. So there's no earthly reason why everyone should not keep his scalp healthy and hair growing.

Something Can Be Done

"You've also heard men say that nothing can be done to stop hair loss once it starts. Why not? It's just a question of correcting an unhealthy scalp condition, and trading bad habits of hair care for good habits."

Not one male scalp in a hundred is actually healthy, Bishop observes.

"If your scalp ached when it was in bad condition—as your teeth do—there wouldn't be 12,000,000 balding men in the U. S."

Free Examination

If you're worried about your hair, drop by the Governor Clinton Hotel tomorrow to see Mr. Bishop. Examination is free and without obligation.

"Our first problem, when you come in for examination," says Bishop, "is to determine the exact condition of your scalp. On the basis of that analysis, we work out a special home care procedure. We tell you what to do and what not to do for the good of your hair.

"There is no cure-all for every scalp disorder. Each of the disorders that cause most baldness requires a special treatment."

Bishop says that sometimes your treatment must be changed after a few weeks to get best results. "For this reason, you mail regular reports to the Bishop office in Cincinnati.

"Also, your scalp condition is checked personally by a Bishop trichologist at regular intervals."

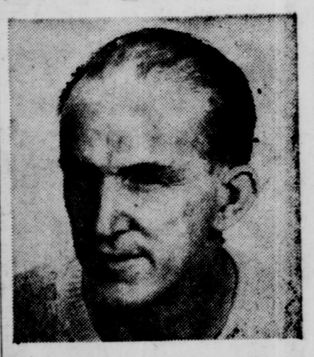
Guarantee Satisfaction

"To overcome the average man's skepticism we offer a 30-DAY GUARANTEE," says Bishop. "You must be satisfied with results by the end of 30 days or your money will be refunded."

Trichologist Bishop will be in Kingston on Saturday, November 3, so make plans to see him then.

Call the Governor Clinton Hotel tomorrow for Mr. Bishop's suite number, then come see him between 2 and 9 p. m. for a free examination.

Remember, there's no obligation or embarrassment. You don't need an appointment.



LEROY GEIGER before Bishop treatment (above), and after treatment (below). Unretouched photographs made seven months apart.

DONALD DUCK — Registered U. S. Patent Office — By WALT DISNEY

BLONDIE — Registered U. S. Patent Office

FRECKLES AND HIS FRIENDS — Just Casual — By MERRILL BLOSSER

THE STORY OF MARTHA WAYNE — Coming Together — By WILSON SCRUGGS

OUT OUR WAY — By J. R. WILLIAMS

OUR BOARDING HOUSE . . with . . MAJOR HOOPLE

BARBS

By HAL COCHRAN

Our hat's off to the folks who entertain the members of the armed forces. Not only the show, but our country, must go on!

* * *

The question before the house these days is where do you find the money to build one?

* * *

It's funny what a big kick folks can get out of finding some

change in the pockets of last year's winter coat.

Helps keep
Mouth Fresh-Breath Sweet
Get some today.
WRIGLEY'S SPEARMINT CHEWING GUM

OFFICE CAT

Trade Mark Reg.

By Junius

Wife—Hubby, do you love me?
Hubby—Yes.
Wife—How much do you love me?
Hubby—How much do you need?

* * *

The middle-aged Texan went to a psychiatrist. "Doc," he began. "I shore need your help. I've been a Texan all my life, and suddenly I just don't care."

* * *

Bill was a good fellow, but nobody noticed him. He was a quiet little fellow that everybody took for granted. He didn't have what you would call an impressive personality. Like the rest of us he craved a little attention, and at last hit upon the idea that if he left town for a while people would miss him, and appreciate him more when he got back. So he packed his grip and went away for a couple of months.

On his way home, he enjoyed himself with the thought of what a thrill it would be to get the glad handshakes of his friends when they saw him again. At last the train pulled up at his station. He grabbed his bag and excitedly got off the train. There was no one he knew on the platform. He hustled around to the front entrance and, sure enough, bumped right into an old acquaintance.

Bill—Well! (eagerly reaching for his friend's hand) How are you?

Friend—Hullo, Bill. Going away?

* * *

In a flash flood at Wauneta, Nebr., lawn grass seed floated to the ceiling of a store and clung to wet plaster. A few days later it had sprouted and a fine crop of grass was growing upsidedown.—Mrs. Fred Walter, Wallace, Nebr.

* * *

Spellblinder

The autumn leaves, their colored glory
Are glamorized in verse and story.
But autumn's spell begins to break
About the day I start to rake.
—Laurence C. Smith

* * *

Inscription on a tombstone: "Here lies an atheist, all dressed up and nowhere to go".

FUNNY BUSINESS — By HERSCHBERGER

"I had a couple of flats in the country and a farmer lent me these tractor spares to come home on!"

LI'L ABNER — By AL CAPP

CAPTAIN EASY — Just a Minute! — By LESLIE TURNER

BOOTS AND HER BUDDIES — Cornering Market — By EDGAR MARTIN

ALLEY OOP — All Rid of Him, Huh? — By V. T. HAMLIN

RONDOUT SAVINGS BANK

26 BROADWAY (Our Only Location) KINGSTON, N. Y.

Many changes are taking place in our city and surrounding territory. Our location is in a section to be reckoned with as time moves on. The complete story will not be told until the returns are in. A new day is in the making.

MANY TYPES OF SERVICE:

- **Savings Accounts — In addition to the security our surplus gives, your deposits are insured for $10,000 in the Federal Deposit Insurance Corp.**
- **Quarterly Dividends on Savings Deposits. The dividend for period ending September 30, 1956 at the rate of 2¾% per annum.**
- **Pass-Book Loans — Inquire about them.**
- **Our Christmas Club proves attractive to many patrons.**
- **A 24 Hour Depository.**
- **BANKING HOURS: 9:30 A. M. to 3 P. M. through Friday**
  Saturday 9 A. M. to 12 Noon
  Saturday hours are appreciated by a great number of our customers.
- **BANKING BY MAIL — ASK ABOUT IT**
- **YOU MAY PURCHASE**
  Bank Money Orders — United States Savings Bonds and Travelers Checks.
- **MORTGAGE LOANS — We are particularly interested in Conventional type. No charge for examination — Terms and conditions upon application.**
- **THIS IS A MUTUAL SAVINGS BANK. No stockholders. Our responsibility is to our depositors and patrons.**
- **WE ARE HERE TO SERVE THE COMMUNITY. (COME IN AND TALK OVER YOUR REQUIREMENTS).**

Over a period of 88 years a policy of consistent service without discrimination has brought many adherents, and built up a surplus that is a bulwark in times of stress, a satisfaction at all times.

Assets $12,675,000.00 — Deposits $9,590,000.00

Surplus and Reserves $3,075,000.00

— PHONE 73 —

A STRONG — PROGRESSIVE — GROWING BANK

Low Height Stall Blamed

Washington, Nov. 2 (AP)—The Civil Aeronautics Board today blamed a low-altitude "stall" for the airplane crash near Smithtown, N. Y., last Jan. 26 in which all three persons aboard were killed. The plane, a Lockheed PV1 owned by the Swiftlite Aircraft Corp., crashed eight minutes after takeoff from MacArthur Field at Ronkonkoma, on Long Island. The purpose of the flight was to qualify Raymond Hamberg as a pilot on the PV1, a type of plane he had never before flown. Hamberg occupied the left or captain's seat, and was flying with Pilot Hugo D. Filangeri and Check Pilot Bernard J. Malloy. The CAB said its investigation produced no evidence of engine malfunction or crew "incapacitation."

Think It Through

By E. F. HUTTON

MORALS

Candidate Stevenson has said he would end the draft "consistent with National safety." Those last few words slyly suggest that he would find that National safety would permit this long before the President would discover it.

That's double talk, Mr. Stevenson. Why not say what you mean and—in plain words—mean what you say, instead of covering up with political jargon?

MR. HUTTON

Now, the leftwingers are banging away—from Stevenson down to the big city politicians—at the G.O.P., as the party of Big Business. The left-wingers are all opposed to Big Business. It's easier to intimidate and take over small businesses.

What about baseball? That's Big Business. A ball player—$100,000 a year: isn't that Big Business? A moving picture actress—$300,000-$400,000: isn't that Big Business? It would take a lot of political courage to criticize either one. Have you the courage to mention it Mr. Stevenson; or just confine to Big Business, banker-minded people?

When Ike became President, he resealed controls on both big and small businesses, so they could breathe freely again under the Constitutional law of Supply and Demand. RESULT: the greatest prosperity the world has ever known,—more jobs at better pay, plus more production.

Under the Dealers, business had been hogtied for 20 years.

The American jury are in court. They will render, on November 6, the verdict, which will be for the future destiny of America.

100 Children Attend Tillson Halloween Party

Tillson, Nov. 1—Rainy weather failed to dampen the spirits of the youngsters in the community on Halloween Eve when about 100 children attended a party at the Tillson firehall.

Previous to the party sponsored by Tillson Christian Endeavor Society, the children had called on nearly every home here collecting funds for UNICEF, the United Nations children's fund. Richard Talleur, advisor to the CE group, announced that a total of $78 had been collected and will be turned over to UNICEF. The society was well pleased with the results of the drive, and wish to thank all who contributed.

At the party, two color movies about animals were shown. Refreshments were served following the awarding of prizes for costumes.

Children winning awards in the age group up to 10 years were as follows: prettiest, 1st prize-Alice Brown; 2nd prize-Patricia Hoffman, 3rd prize-Laverne Banach; funniest, 1st prize-Karal Serdienis; 2nd prize-Debbie Williams, and 3rd prize-Willie Salewski.

Prizes were also awarded to those over 10 years. In this group, the following were awarded prizes: For the most original of the group, John Chyzik; prettiest, 1st prize-Marilyn Harvey; 2nd prize-Diane Deyo. For the funniest costume, 1st prize went to Eugene Frost and 2nd prize to Robert Bushman.

The party ended shortly after 9:30 p. m. Little damage was noted in this community during the evening. Fire police, under the direction of Thomas Morris, patrolled the area, and the fire company went out to investigate one report of a fire in the district.

Future Teachers At Saugerties Report Activities

Members of the Future Teachers of America Club of Saugerties Central High School this week announced a series of activities relating to the teaching profession in which they participated.

Last Monday nine members, Nicolai Bovert, Bethany Granwehr, Theo Hailey, Patricia Hogan, Mary Jo Mignano, Irene Mower, Gaetana Pesce, Ellen Ross and Elsie Ross attended the college day program at Oneonta State Teachers College. They were accompanied by Mrs. Edward Ross and Miss A. Frances Larned, advisor. At the college they visited the classrooms, practice school, and dormitory. They also had an opportunity to visit a college class.

Some of the members have accompanied grade groups when they have visited municipal departments. Karen Lewis assisted with two different first grade groups when they visited Saugerties fire station. Another member, Patricia Fuller, accompanied a first grade group when they made a visit to the Saugerties Police Department.

On Halloween several members assisted with the parties in the kindergarten and first grades. Those who helped were Ellen Ross, Patricia Hogan, Karen Lewis, Gertrude Scheu, Sally Lamouree, Gaetana Pesce, Barbara Beck, and Theo Haley.

WHO'S THAT FUNNY MAN? What a clown he is! Making such silly faces . . . silly noises, too. Thinks he's talking my language. But I kind of like him because . . . I guess he belongs to me. If only he could understand me . . . you know what I'd tell him? I *like* it here!

Behind the assurance so many American children feel—from their earliest days—lies a sense of security that comes from their parents. And over 16 million Americans—parents and others, too—enjoy that sense of security because of savings . . . entrusted to their local Insured Savings and Loan Association. This trust is inspired by sound local management, excellent returns and insured safety. Savings are insured up to $10,000 by the Federal Savings and Loan Insurance Corporation, an agency of the U. S. Government.

Insured Savings and Loan Associations are a major and steadily growing factor in the Nation's economy. For millions they encourage thrift, promote home ownership and create paying jobs. With over $37 billion of assets these insured associations help keep the Nation's prosperity vigorous and genuinely sound.

MEMBER SAVINGS AND LOAN FOUNDATION

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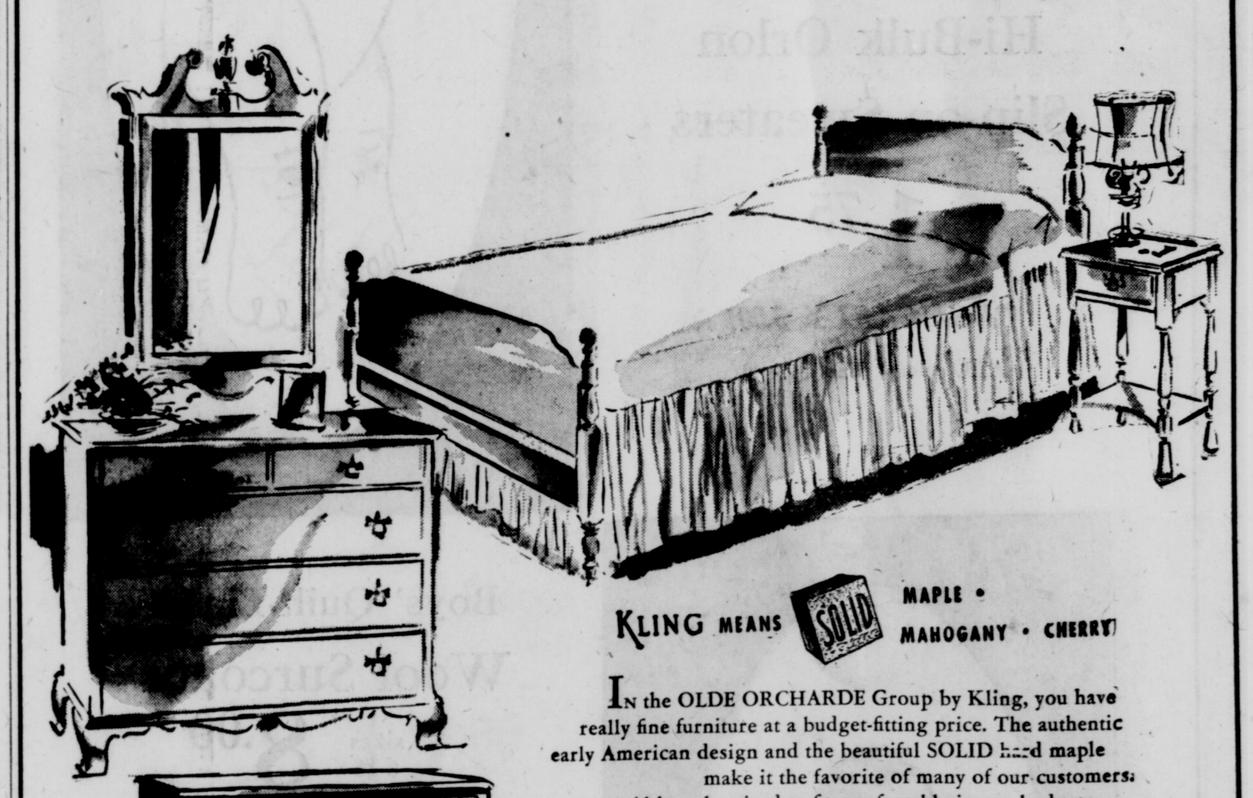
REPUBLICAN HEADQUARTERS
9 Main Street Phone 9323 or 9324

NEW STORE HOURS
FOR
BABCOCK FARMS DAIRY
STARTING NOVEMBER 5, 1956
Monday - Thursday 9:00 A.M. - 5:30 P.M.
Fri., Sat., Sun. . . . 9:00 A.M. - 9:00 P.M.
197 Hurley Avenue Kingston 590

HIGH GRADE BUT NOT HIGH PRICED

You'll Like the DESIGN! You'll Like the COLOR!
You'll Like the PRICE!

KLING OLDE ORCHARDE Group
in SOLID Maple



KLING MEANS SOLID MAPLE • MAHOGANY • CHERRY

In the OLDE ORCHARDE Group by Kling, you have really fine furniture at a budget-fitting price. The authentic early American design and the beautiful SOLID hard maple make it the favorite of many of our customers. Although priced to fit comfortably in any budget, OLDE ORCHARDE has features found in much higher-priced furniture—graceful solid metal drawer pulls, mortise and tenon joints, Kling patented center-guided drawers, dovetailed back and front, and many more.

It is finished in a beautiful new shade—Autumn Tan. See OLDE ORCHARDE today. It is open stock, of course.

Dresser, Bed, Chest and Night Table $298.00

EASY CREDIT TERMS
$45.00 DOWN DELIVERS THIS SUITE
BALANCE $15.44 PER MONTH

33 OTHER OPEN STOCK PIECES IN THIS GROUP AT POPULAR LOW PRICES

OPEN FRIDAY 'TIL 9 P. M.

(OPEN OTHER EVENINGS BY APPOINTMENT)

SEE OUR WINDOW DISPLAY

Stock's
661-669 BROADWAY KINGSTON, N. Y.

FREE DELIVERY OUT-OF-TOWN

FURNITURE • RUGS • CARPETS

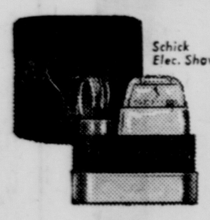
N. STOCK'S SONS

"I just love the Polaroid Camera I got free with Blue Stamps," says Mrs. Rita Salinger, Bronx, N. Y.

"It's grand," says Mrs. L. Herrick, Elsmere, N. Y., who got this beautiful wall plaque with her Blue Stamps.

"A Rand-McNally Globe—what a wonderful gift," says Mrs. Chas. Tuttle of Dumont, N. J.

These shoppers saved
TRIPLE-S BLUE STAMPS
for FREE Christmas gifts

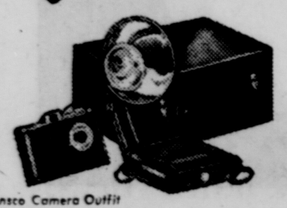


How about you? Why pay for Christmas Gifts you want when you can get them absolutely free—just by saving Triple-S Blue Stamps!

Do as your neighbors do—patronize merchants who give Triple-S Blue Stamps with everything you buy.

In no time, you'll be redeeming your Blue Stamps for valuable gifts at convenient Triple-S Redemption Centers. Famous name appliances, jewelry, luggage, sporting goods—your choice from over 1500 nationally advertised quality items. Start saving Triple-S Blue Stamps today!

NOW VISIT THE BEAUTIFUL TRIPLE-S REDEMPTION CENTER
POUGHKEEPSIE, N. Y., 442 MAIN STREET
OPEN DAILY 9 A.M. to 5:30 P.M. — THURSDAY EVENING TO 9:00 P.M.
CLOSED MONDAY



Stop and Save Trading Stamp Corp., East Paterson, N.J.

INSIST ON TRIPLE-S BLUE STAMPS TODAY AND EVERYDAY AT GRAND UNION AND OTHER LEADING MERCHANTS

BABSON on BUSINESS

Babson Park, Mass., Nov. 2—So much is published today about electronics, atomic energy, and new gadgets of all kinds that I have been investigating what businesses have survived throughout the centuries. Let this week's column give you my report.

Probably the best evidence of what businesses are the oldest is to be found in ancient Egyptian Tombs of several thousand years ago. They all contain ceramic ware, jewelry, musical instruments, tapestries and pictures. Alhtough all these arts have had their ups and down—or cycles—they continue to exist. Religion has also been a "big business" alternating between great influence and barbaric persecution. Gold, silver, and fine architecture have represented wealth throughout history. Although the Egyptian art and music of those early days seem crude to many of us, yet modern art and jazz have now returned to it. This definite cycle has taken place several times during the past 4,000 years. In fact, the cycle is shown in the history of Egypt itself.

Three thousand years ago Egypt was the highest and most progressive nation in the world. Then a decline which brought poverty and chaos, finally dropping that nation into the lap of Great Britain as its poorest colony. Today's newspaper headlines are now on Egypt, which appears to have 15 great nations eating out of its hand! The great wheels even of history are slowly but constantly revolving. This means we should carefully avoid using two words —"now" and "always"—in connection with an art, a profession, a business, or even a nation, or a religion.

HOWEVER READERS may disagree as to the importance of daily Bible reading, the Bible gives us an excellent review of what businesses have continued through the centuries. Bankers, lawyers, and tax collectors existed then as now. Jesus even spoke a good word for the bankers (Luke XIX) although he did not want them to carry on their business in the Temple. Fishing has also survived and much of it is being carried on in the same old-fashioned way.

When we realize that stocks and bonds were unknown several centuries ago, one wonders at their performance; yet I forecast that some form of investment will exist. Real estate has served that purpose for thousands of years. Just now we hear much about "Shopping Centers;" but the downtown Main street merchant who will adapt his merchandise and hours to new conditions has little to fear. The Stoa, in the world's once most beautiful shopping center which flourished 2,000 years ago at Athens, Greece, has been buried for many centuries. John D. Rockefeller is now rebuilding this as a lesson to cheer merchants who cannot now afford to change to a new "shopping center."

DURING BIBLE DAYS the chief musical instrument was the harp. This gradually developed into the piano. Musical instrument stores which refused to sell pianos were probably forced out of business. Yet more harps are being sold today than ever before. We once thought that kerosene would kill the candle business; that gas would kill the kerosene business; and that electricity would put gas out of business. Yet more candles, more kerosene, and more gas were sold last year than ever before.

Why do I write this column today? My reason is to prevent any manufacturer or merchant from hastily giving up without having some expert make a study of his business, prospective parking lots, and needed changes. Such a merchant should not be in a hurry to sell or give up, but it is wise for him to keep out of debt and to advertise. Then he will have very little to worry about. Sometimes I think that when the next business depression does come, it will be due to the worries of manufacturers, retailers, and especially the consumers, who are most important of all.

HAVE A PARTY WITH ELECTION DAY BARGAINS

—at—

GOTTLIEB'S Poughkeepsie, N. Y.

Misses' Hi-Bulk Orlon Cardigan Sweaters

3.00

REGULARLY 6.00!

ALL colors! Sizes 34 - 40.

Misses' Hi-Bulk Orlon Slip-on Sweaters

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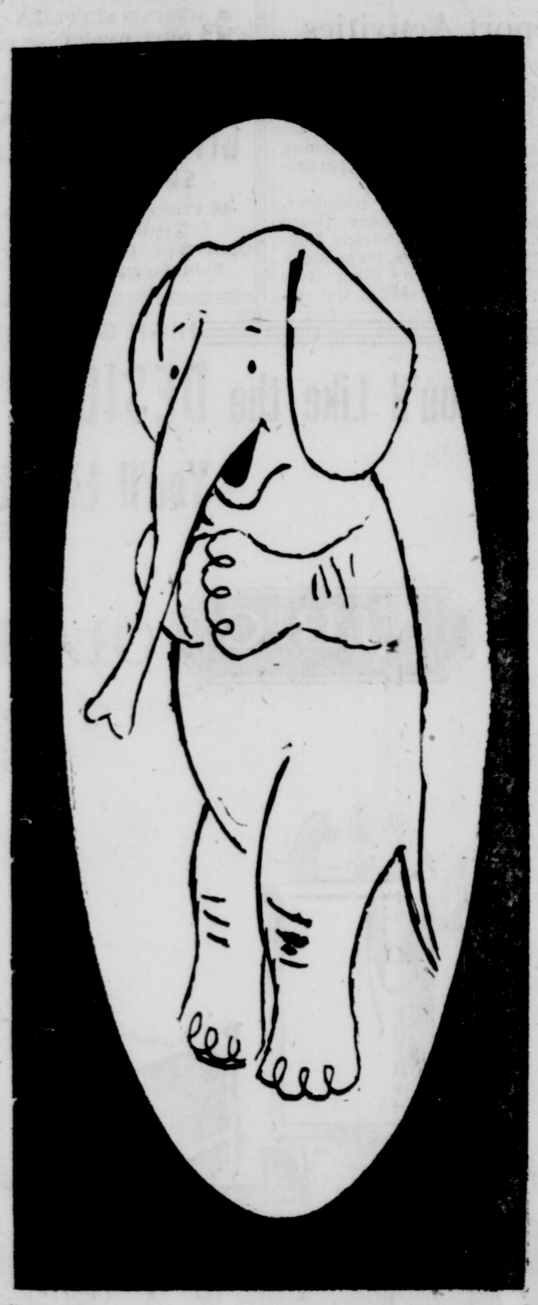
REGULARLY 3.00!

ALL colors! Sizes 34 - 40



Nylon Tricot Slips, Gowns, Petticoats

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VALUES to 6.00!

In regular and extra-sizes.

Nylon Hosiery

3 pairs 1.50

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60 GAUGE, 15 DENIER! New Fall shades; sizes 8½ to 11.

Boys' Quilt-Lined Wool Surcoat

sizes 6-16 8.00

REGULARLY 15.00!

Girls' All-Wool Coats

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Tweeds, solids. Sizes 3 - 6X. and 7 - 14

Men's Tweed & Fleece Surcoats

sizes 38-46 12.00

REGULARLY 20.00!

Infants' & Toddlers Snow Suits

7.00

REGULARLY 12.00!

Sizes M, L, XL; also 2 - 4.

Be Thrifty - Buy GOTTLIEB'S 192 N. HAMILTON ST., POUGHKEEPSIE, N. Y.

MON. thru SAT. to 5:30—THURSDAY NIGHT to 8:30—ALWAYS FREE PARKING!

HOUSEWIVES!

Here's how you can earn EXTRA CASH!

Do you have trouble stretching the family budget far enough to cover all the day-by-day necessities—food and clothing bills, medical expenses and all the rest—no matter how much you pinch pennies?

Do you get discouraged trying to save up for the things you've dreamed of, but could never quite afford—like the going-to-college fund for the youngsters . . . or that new car . . . or that extra-special vacation trip?

Then here's news about an opportunity in Kingston that might be just right for you.

The telephone company offers married women high-paying, full-time temporary employment as operators in Kingston.

- No experience is necessary. You earn full pay while you learn.
- During a six-month period, you might earn as much as $1,500. That includes $1,222 for base pay plus overtime pay, time and a half for Sunday, extra pay for evenings.
- There are lots of other real advantages, too. You'll work with folks you'll like—folks from around Kingston, neighbors and friends.
- What's more, it's an interesting job, and of real importance to the community.

Find out the facts today. Just call Betty Jane Clancy, Kingston 9900. Or drop in at the employment offices of the New York Telephone Company, 775 Broadway, Kingston, New York.

Yesterday's Poultry Market

New York, Nov. 1 (AP)—(USDA)—Live poultry. About one load and a half of fryers received. Demand slow. Market dull. By express: broilers or fryers, crosses 3-4 lbs. average 26; rocks cockerels 3-4 lbs. average 23-25.

Dressed poultry: turkeys unsettled; squabs steady; ducks steady to firm. Prices unchanged.

Navy's ROTC Is Open to High School Seniors

High school seniors and graduates have only until November 17 to apply for the Navy's Reserve Officer Training Corps, Vice Admiral James A. Holloway, Jr., chief of Naval Personnel, said today. Applicants will take the nationwide competitive examination December 8 as the first step toward an appointment as midshipman.

Designed to supplement the officer output of the Naval Academy, the NROTC program makes it possible for a young man to earn a commission while studying at the civilian college of his choice which has an NROTC unit. All tuition, fees and books are furnished by the Navy, and the student receives an annual retainer of $600 for four years.

During the summers the student goes on fascinating training cruises to many parts of the world. After completing the usual four-year college course, he is commissioned in the regular Navy or Marine Corps and goes on active duty with the Navy's far-flung fleets.

High school seniors and graduates between the ages of 17 and 21 may apply for the NROTC aptitude test. Those who make a qualifying score will be given a rigid physical exam early in 1957. From the pool of qualified young men remaining in competition, approximately 2,000 will be selected to begin their naval careers next September.

The NROTC college training program is also open to enlisted men on active duty with the Navy and Marines. Separate quotas are established for applicants from within these services.

Application forms are available at all high schools, colleges, Navy Recruiting Stations or from the Chief of Naval Personnel, Washington 25, D. C.

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13 big reasons for Windemere superiority. And a lucky 13 for those who stake their future here at Windemere.

1-2-3—TWIN SIZE BEDROOMS . . .
Plenty of ventilation here. Sliding door closets. Accessible yet secluded for peace and quiet on those party nights.

4—TILE BATH . . .
Available in a rainbow of colors of ceramic tile . . . easy to clean always glistening.

5—WROUGHT IRON RAILED BALCONY
A glamorous wrought iron railed balcony overlooking the huge living room.

6—CATHEDRAL CEILINGED LIVING ROOM . . .
Spacious and luxurious for evening entertainment, yet cozy for those quiet evenings at home.

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A perfect domain for Mom to mix those masterpiece menus, handy . . . convenient and colorful. Cabinets galore.

8—SPACIOUS DINETTE . . .
Handy to the kitchen, three large windows for light and air with a beautiful front yard view.

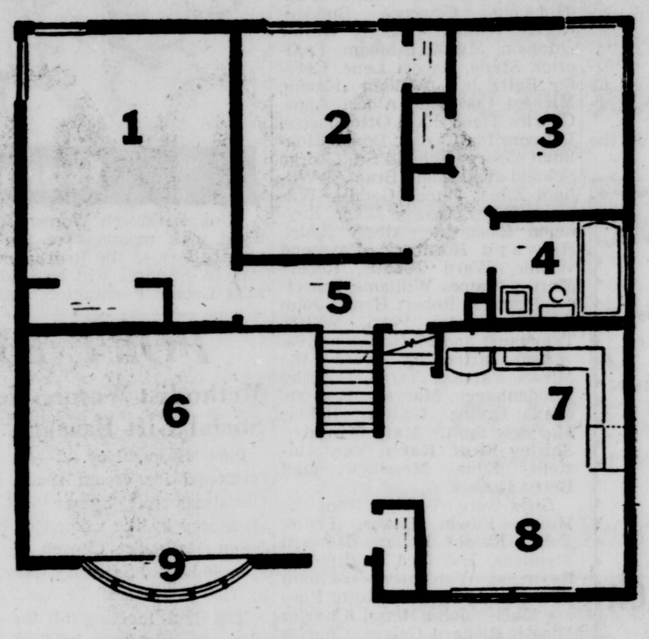
9—HUGE CALIFORNIA BAY WINDOW . . .
Adds beauty and light to spacious living room.

10—BACK ENTRANCE . . .
Less fuss . . . less muss for Mom, ideal for kiddies muddy feet, easily accessible to patio or bar-b-que.

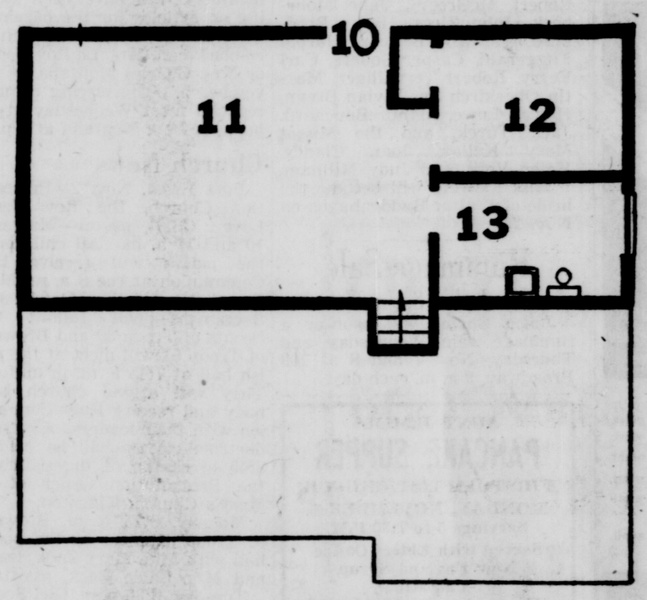
11—FINISHED RECREATION ROOM . . .
Planning a party? Here's a beautiful spot, handy for guest . . . mom and the entire family. A swell rumpus room for kiddies on those blustery winter days.

12—DAD'S DEN . . .
A perfect retreat for Dad on those work at home nights, complete with closet for tools, hobby supplies, etc.

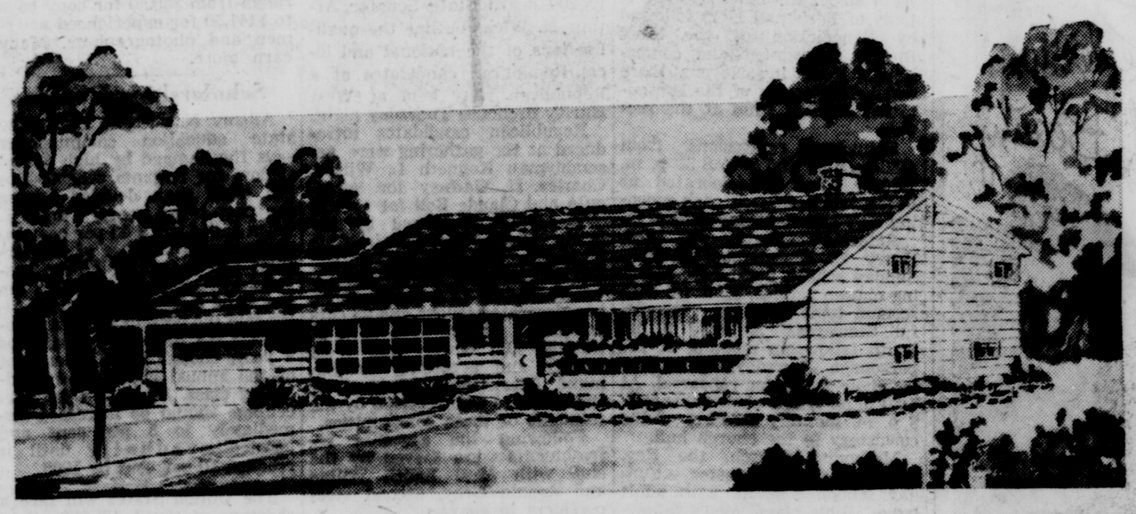
13—ADDITIONAL LAVATORY AND LAUNDRY ROOM
Another economical adjunct to wonderful WINDEMERE . . . at no additional cost.
Mothers paradise . . . handy to back entrance and no littering up the kitchen with soiled laundry on wash day.



SECOND and THIRD LEVEL FLOOR PLAN



FIRST LEVEL FLOOR PLAN



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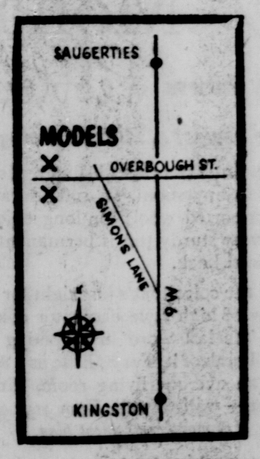

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You get the wonderful new RCA-Victor 21-inch TV with easy-to-reach top tuning, plus the portable roll-around TV table, a combined $299 value, now specially priced far less than you'd expect to pay! In fact, the sale price is so incredible that we cannot advertise the low, low (and we really mean low) price. You'll see life-size pictures on the giant aluminized 21-inch screen, you'll get new balanced fidelity sound. Compare this exciting value at U-F now!

SOCIAL ACTIVITIES

SOCIETIES • CLUBS • PERSONALS

Miss Frances Swift Engagement Is Told

Mr. and Mrs. Henry Swift, Washington avenue, Highland, announce the engagement of their daughter, Frances Katherine to Richard W. Miller, son of Mr. and Mrs. William C. Miller, 336 Cochran place, Valley Stream.

The bride-to-be is a graduate of Syracuse University, class of 1956, and is presently employed by IBM in Poughkeepsie.

Her fiance is also a Syracuse graduate, College of Forestry. He is now serving in the army. Prior to entering the service he was employed by the U. S. Forest Service in Virginia.

No date has been set for the wedding.

Miss Emily Flowers Feted at Shower

A surprise shower was held for Miss Emily Flowers recently in the First Presbyterian Church Hall. Hostesses were the Mmes. Nickolas Carl, Robert Smith, Robert Motrie, Donald Short, Ida Howard, and the Misses Joan Stowell and Veronica Coniglio.

Those attending were the Mmes. Jane Ackley, Oscar Lawatch, Edward Gille, Harry Broadhead, Joseph Ertelt, Louis Buddenhagen, Norman Leudtke, Herman Luedtke, Wilmer Buddenhagen, Clarence Buddenhagen, William Price, Walter Dunham, Milton Dunham, Frederick Stang, Robert Lane, Chester Baltz Jr., William Kuehn, Michael Corcoran, Albert Appa, Charles Tiano, Emil Otto, Joseph Lawson, Ida Carter, Daniel Houlihan, George Schmid Sr., George Schmid Jr., Donald Bradley, William Ziros, James Gaddis, William McVey, George Wert, Raymond Raskoskie, Albert Radel, Howard Hornbeck, Raymond Winnie, Ward Tongue, Robert Murray, James Williams, Ignacious Prusack, Robert Henry, John Burns, Charles Petri, Walter Tammany, and Marie Rappelyea.

Also attending were the Misses Patricia Yerry, Dorothy Buddenhagen, Maryann Keenan, Joan Quinn, Colleen Baker, Marjorie Smith, Mary Schrader, Shirley Ziros, Karen Van Aulstein, Edna Merrihew, and Betty Dubois.

Gifts were received from the Mmes. Edwin Baker, Frank Volk, Ralph Bauer, Howard Stephens, Hartford Shultis Jr., Raymond VanBuren, William Sinsabaugh, Richard Roth, Robert Murry, John Misasi, Charles Misasi, Richard Griggs, Charles Perry, Benjamin Coniglio, Frank Dempsey, Mary Jane Stowell, Robert McGreevy, Jane Mohrbeck, John Ziros, Harry Brodhead, Howard Baulsir, Harold Fitzgerald, Casper Souers, Carl Yerry, Robert Terwilliger, Martin Oberkirch Sr., Vivian Brenn, Howell Lowe, Arthur Bouchard, Jack Turck, and the Misses Mary Kellar, Joan Clancy, Helen Volk, and Judy Millham.

Miss Flowers will become the bride of Walter Buddenhagen on Nov. 25.

Rummage Sale

Judea Shrine

Judea Shrine will sponsor a rummage sale Wednesday and Thursday, Nov. 7 and 8 at 109 Broadway, 9 a. m. each day.

SAFFORD & SCUDDER, INC.
Registered Jeweler
American Gem Society
Serving the Public for 5 Generations
310 WALL ST. KINGSTON
now has
the most beautiful nurse's watch in America

- Sweep second hand for timing pulse, baby bottles, and other technical work.
- Radium dial for telling time at night.
- Shatter-proof crystal—latest style strap.
- Chrome front case—has satiny platinum-like finish.
- Steel back—will not tarnish, rust or pit.

only 24.95
only 50c weekly

AUNT JEMIMA
PANCAKE SUPPER
FIRST BAPTIST CHURCH
MONDAY, NOVEMBER 5
Servings 5 to 7:30 P.M.
Served with Ehlers Coffee
New England Syrup
Pet Milk
Prospect Dairy Children's Milk
Ladies will receive a free pkg. of Aunt Jemima Pancake Mix
Adults $1.00
Children (under 12) 50 cents

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Mohawk's famous "Pebblepoint"
... the newest ... the most elegant carpet in town

Pebblepoint has a rich, distinctive loop texture that adds beauty to any room. Its soft, durable pile is woven of finest imported wools for long enjoyment and satisfaction. Every sturdy tuft is permanently locked in a heavy rubberized back.

Choose the color that's just right for your home from our rainbow of high style decorator colors. See Pebblepoint today—the last word in carpeting at a price you can afford. Think of it! For as little as $18 a month you can carpet an average living room, dining room, hall and bedroom—wall-to-wall. *Enjoy your carpet while you pay for it on our easy monthly payment plan.*

Hurry to our carpet department with your room sizes today!
9-12-15 ft. widths

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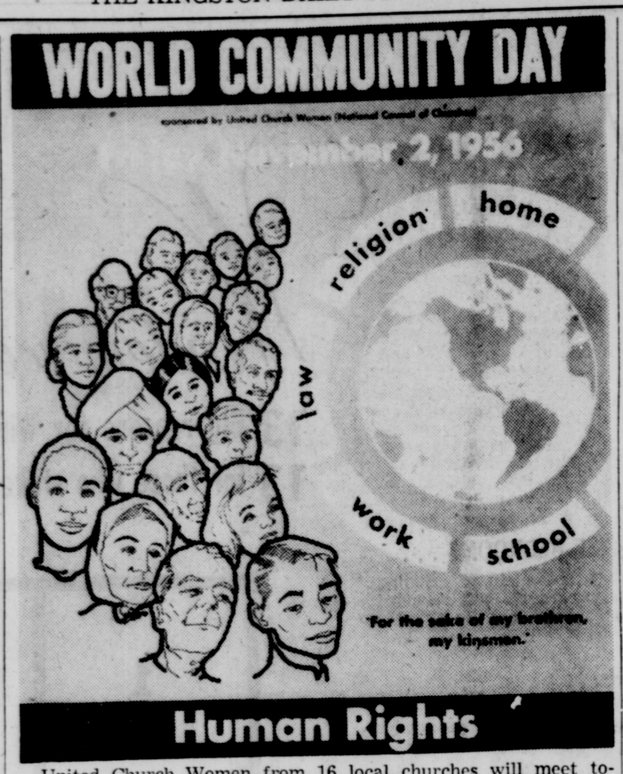

United Church Women from 16 local churches will meet tonight with members of the community to observe World Community Day at the Redeemer Lutheran Church, Wurts and Rogers streets. Services will be held at 7:30 p. m. Guest speaker will be Miss Lenore Pennington, state director of Migrant Workers.

PORT EWEN NEWS

Methodist Women Set Social Gift Bazaar

Port Ewen, Nov. 2—An old fashioned ice cream social and Christmas gift bazaar will be sponsored by the women of Port Ewen Methodist Church at the church house, Saturday, Nov. 10 at 7:30 p. m.

The last meeting of the bazaar workers was held at the church house Wednesday. All members who have been working on articles for the bazaar in their homes will return them to co-chairman, Mrs. Le Roy Cooper or Mrs. Charles Montafia by November 5. The pricing committee will meet Wednesday at the home of Mrs. Montafia at 8 p. m.

Church News

Port Ewen, Nov. 2—Presentation Church, the Rev. James Lover, CSsR, pastor—Masses 8, 10 and 11 a. m. All children of the parish will receive Holy Communion at the 8 a. m. Mass. Benediction of the Most Blessed Sacrament will follow. Girl Scouts of Troop 30 and Brownies of Troop 61 will meet at the parish hall at 7:45 a. m. in uniform. They will attend church in a body and receive Holy Communion with their leaders. Christian doctrine classes will be held at 8:45 in charge of the sisters of the Presentation Order of St. Mary's Church, Kingston.

Monday, 6:15 p. m. Brownies of Troop 61 meet at the parish hall with Mrs. Mary Zoda, leader and Mrs. Sadie Bock, assistant.

Tuesday, 6:30 p. m. Girl Scouts of Troop 30 meet at the parish hall with Miss Marge Costello, leader.

Wednesday from 3 to 4 p. m. release time period for religious instructions for all grammar school children under the direction of Redemptorist Fathers from Mt. St. Alphonsus, Esopus. At 7:30 p. m. Novena to Our Lady of Perpetual Help followed by Benediction of the Most Blessed Sacrament and confessions. Following Novena there will be a meeting of the Presentation Blanket Club at the rectory.

Saturday, confessions from 4:30 to 5:30 and 7 to 8:30 p. m.

Holy Mass is celebrated at Presentation Church each morning at 7 and Saturday at 8 a. m.

Reformed Church, the Rev. Harry E. Christiana, pastor—Sunday school, 9:45 a. m. Morning church service, 11 a. m. with sermon topic, "Trusty, Thoughtful Stewards." At 6:30 p. m. youth fellowship meeting at the parsonage. Thursday, 7 p. m. junior choir meets for rehearsal. At 7:30 p. m. senior choir rehearsal; 8 p. m. monthly meeting of the consistory in the church hall.

Methodist Church, the Rev. Mark D. Opliger, pastor—Sunday school, 9 a. m. with adult ladies' Bible class; men's fellowship class and home builders' class. Divine worship service, 10 a. m. Observance of World Peace Sunday. Sermon topic is, "Disarmament." At 6:30 p. m. senior MYF will meet at the church house with Mrs. Alan Mickel and Richard Winchell, leaders. At 7:30 p. m. Bible study class conducted by the Rev. Mr. Opliger.

At 2 p. m. Canatata practice at the church house.

Monday, 7:30 p. m. monthly meeting of official board in the church house. Thursday, 7:30 p. m. senior choir rehearsal.

Saturday, 6:30 p. m. intermediate MYF will hold a Halloween party at the church house. Mrs. Light, leader.

Activities Scheduled

Port Ewen, Nov. 2—Mrs. William Schweigel will entertain the Ever Ready Club at her home on Broadway Monday at 8 p. m.

The Men's Community Club will hold its regular monthly meeting at the Reformed Church hall Monday at 8 p. m. Members are requested to note change of meeting night due to election. Refreshment committee includes Harry and Donald Newton.

Port Ewen Fire Commissioners will meet at the firehouse Tuesday at 7:30 p. m.

Town Notes

Port Ewen, Nov. 2—Mr. and Mrs. Theodore Townsend of Wappingers Falls called on their uncle and aunt, Mr. and Mrs. Wallace C. Mabie at their home on Green street Sunday.

Mr. and Mrs. Alanson H. Short returned home following a visit at the home of their daughter and son-in-law, Mr. and Mrs. James O'Reilly and family of Andover, Mass.

Mr. and Mrs. Samuel Ferguson of Newburgh became the parents of a daughter born at St. Luke's Hospital Thursday. Mrs. Ferguson is the former, Beverly Short of Port Ewen.

Mrs. Lewis York of Poughkeepsie and Mrs. P. Fairbrother were recent luncheon guests of Mrs. George Fowler of Stout avenue.

200 Attend GOP Rally at Hurley

A gathering estimated at nearly 200 heard State Senator Arthur H. Wicks outline the qualifications of the national and local Republican candidates at a Republican rally held at West Hurley firehouse Thursday night.

Republican candidates introduced at the gathering were Assemblyman Kenneth L. Wilson, Charles H. Gaffney for surrogate and Claude Bell for sheriff.

The rally sponsored by the newly formed Republican Club of Hurley began at 5:45 at Old Hurley firehouse where a caravan consisting of a sound truck, two decorated trucks and 25 cars assembled. The caravan paraded through Old Hurley and West Hurley and according to Edmund Czerwinski, president of the club was well received by the residents of those communities.

Following the speeches refreshments were served by the club with Mrs. Judith Wilkie and Ronald Gray, second vice-president in charge.

Walden Man to Handle Area Tractor Sales

In an announcement made by R. E. Reed, vice president—sales of H. O. Penn Machinery Co. it was learned Percy C. Johnson, better known as "Johnny" Johnson, will handle Sullivan and Ulster county sales of Caterpillar Tractor products and the construction equipment lines sold by the Poughkeepsie branch of the Company.

Mr. Johnson for the past 25 years has been covering this territory for another machinery distributor and his many friends will be glad to know of the broader scope of his work. His years of background experience embraces not only sales, but management of parts and service, which should prove helpful to owners of equipment handled by H. O. Penn Machinery Co.

He was born in Foster, Quebec and later moved to St. Johnsbury, Vt., where he finished his schooling. Mr. Johnson is married and has two sons and one daughter and is a resident of Walden.

Stone Ridge Church Postpones Supper

A turkey supper scheduled for Thursday, Nov. 8 at the Stone Ridge Methodist Church has been postponed until Thursday, Nov. 15.

Servings will start at 5:30 p. m.

FINE PORTRAITS—
Make Your Appointment NOW!
New Shipment of
Cameras, Projectors, Supplies
LIPGAR Photo Studio
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KINGSTON, N. Y.
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Good Taste Today

By EMILY POST

(Author of Etiquette, Children Are People, etc.)

EMPLOYER'S GESTURE

"The other night my fiance and I were at a supper club. While we were there, my employer came in with his wife and sat at a table not far from ours. During the course of the evening my employer ordered two drinks sent over to our table which he paid for. I would like to know if my fiance (or I) should have gone over to thank him, or just how should we have showed our appreciation. Also, would it have been proper for my fiance to order drinks sent to their table in return. I would appreciate hearing from you on this matter."

You both should have lifted your glasses and nodded when he was glancing your way so that he could see your appreciation and that's all. The next day you would thank him at the office.

Should it be Mrs. John Smith

Dear Mrs. Post: You have always said that correctly, a widow should be addressed by her husband's name. However, in the case of a widow who calls herself Mrs. Mary Smith, is it still correct to address her as Mrs. John Smith even though she herself does not use this name?

Answer: Although she is incorrect, you would be very impolite should you call her by a name other than the one she uses.

Accompanying Aunt

Dear Mrs. Post: My fiance and I intend to take a motor trip shortly. My aunt who is a widow, is going to accompany us and act as chaperone. I would like to know if it is up to me to assume her expenses, or does she pay her own way?

Answer: You should assume her expenses if you possibly can.

* * *

What should a girl have in her trousseau? Mrs. Post is sorry she cannot answer personal mail, but her leaflet E-5, "The Bride's Trousseau," includes a list of essential clothes and linens. To obtain a copy, send 10 cents in coin to Dept. EP, c/o The Kingston Daily Freeman, P. O. Box 99, Station G, New York 19, N. Y.

(Released by The Bell Syndicate, Inc.)

Post, Guild Sign For Two-Year Pact

New York, Nov. 2 (AP)—The New York Newspaper Guild and the city's seven major daily newspapers have agreed on a two-year contract calling for a nine per cent wage package over that period.

The last remaining threat of a newspaper strike was removed last night when the New York Post and the Guild came to terms.

Contracts of the seven papers expired at midnight Wednesday. The Guild had threatened to strike an unidentified two of the seven to force a contract pattern.

The new city-wide pact means a $5 weekly pay raise this year and $4 next year on the basis of an average $100 a week salary. Present minimum wages range from $50.50 for copy boys to $141.50 for experienced newsmen and photographers. Many earn more.

Scholarships Double

Albany, N. Y., Nov. 2 (AP)—The state education commissioner says the demand by high school seniors for Regents scholarships has more than doubled during the past seven years. James E. Allen called for a 40 per cent increase in the number of scholarships and a tripling of the program by 1965. In a report to the Board of Regents yesterday, Allen said the present program provides 3,388 Regents scholarships a year, enough for 3.5 per cent of the annual high school graduating class. Allen said the percentage should be increased immediately to 5 per cent and boosted gradually until it reached 10 per cent by 1965.

The United States will face a shortage of about 475,000 scientists and engineers by 1965, says the Manufacturing Chemists Assn.

Area Events Scheduled

(Notices of meetings, suppers and other events to be listed in this column should be sent to the City Editor, Kingston Daily Freeman, as far in advance as possible.)

Today

7:30 p. m.—World Community Day, Redeemer Lutheran Church.

8 p. m. — Charles DeWitt Council, JOUAM, 91, Mechanics' Hall, 14 Henry street.

County-wide Democratic rally, municipal building, New Paltz.

8:30 p. m.—Perpetual Adoration begins at St. Joseph's Church.

Saturday, Nov. 3

10 a. m.—Open house program at Kingston plant of IBM, town of Ulster, until 4:30 p. m.

7:30 p. m.—Union Hose Company No. 4, 216 East Union street, social party.

8 p. m.—Town of Olive Republican rally, Olive Bridge Firehouse.

8:30 p. m.—Kingston Maennerchor and Ladies' Auxiliary concert and ball, Elks Club, Fair street.

9 p. m. — Jewish Community Center teenage dance, Governor Clinton Hotel.

Hurley Firehouse, square and round dancing, music by Floyd Barringer's orchestra.

Sunday, Nov. 4

2:30 p. m.—Homecoming services, Olive Bridge Methodist Church.

4 p. m.—Organ recital by Richard Ellsasser, Old Dutch Church.

5 p. m.—Sisterhood of Agudas Achim cafeteria supper in Vestry Hall, 24 West Union street. Another serving at 7 p. m.

Monday, Nov. 5

9 a. m.—Sisterhood Ahavath Israel rummage sale, Vestry Hall, Spring and Wurts street. Sale will continue Tuesday.

12 noon — Central Businessmen's Association luncheon, Mid-Town Chop House.

5 p. m.—Pancake and sausage supper, First Baptist Church, sponsored by Homemakers.

6:30 p. m.—Saugerties Lions Club, Flamingo, Route 9W.

8 p. m.—Onteora Central School bond issue meeting, Pine Hill School.

St. Ignatius Loyola Post, Catholic War Veterans, St. Ann's Hall, Sawkill.

Hurley Fire Company meeting. Arrangements will be made for annual dinner-dance to be held in December.

Ladies' Auxiliary BPO Elks, 550, Elks Club, Fair street.

Kingston Uptown Business Men's Association, Court House.

Junior League regular meeting, Nieuw Dorp, Hurley.

Cerebral Palsy Mother's Club, Palsy Center, 400 Broadway.

Nemo Club harvest party, Lawton Park.

8:30 p. m.—B'nai B'rith Lodge annual Election Eve forum, Jewish Community Center, 265 Wall street.

Tuesday, Nov. 6

12 noon—Election Day turkey dinner, Ladies' Aid, Trinity Lutheran Church, Spring and Hone streets with servings until all are served.

Kingston Lions Club, Governor Clinton Hotel.

Ladies' Auxiliary of Olive Memorial Post will serve snacks and meals at Legion Home, Ashokan.

12:15 p. m.—Turkey dinner, Fair Street Reformed Church. Servings also at 5:15 and 6:30 p. m.

2:30 p. m.—Ladies' Aid Society Rondout Presbyterian Church, Mrs. Raymond H. Van Valkenburgh.

5:30 p. m.—Pancake and sausage supper, St. Peter's School Hall, Rosendale, for benefit of CYO.

6:30 p. m.—Saugerties Rotary Club, Katsbaan Inn.

6:45 p. m.—Town of Ulster Kiwanis Club, Airport Inn.

8 p. m.—West Hurley Fire Company, firehouse.

Wednesday, Nov. 7

12 noon—Rotary Club, Governor Clinton Hotel.

3 p. m.—WSCS of New Paltz Methodist Church, Fellowship Room of church.

8 p. m.—Wimpy's Monday Night Club minstrel show, St. Mary's Hall, benefit of Sacred Heart Orphanage.

Ulster Town Board meeting, town barn.

8:30 p. m.—Coach House Players "Ladies in Retirement," George Washington School.

Thursday, Nov. 8

12 noon—Kiwanis Club, Governor Clinton Hotel.

Mid-Hudson Science Advisory Council executive committee meeting, IBM Colonial House, South road, Poughkeepsie.

2:30 p. m.—YWCA Women's Club, YWCA. Charles Moehrke will speak on "Valley of Opportunity."

7 p. m.—Olive Town Board meeting, town clerk's office.

7:30 p. m.—Justice of Peace training sessions, Chambers Free School, Town of Ulster.

8 p. m.—Ulster County Board of Supervisors, Court House.

Wimpy's Monday Night Club minstrel show, St. Mary's Hall, benefit of Sacred Heart Orphanage.

Y-Wives, YWCA. Christmas decorations will be made.

8:30 p. m.—Coach House Players "Ladies in Retirement," George Washington School.

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236 Clinton Ave. Ph. 1800

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SATURDAY, NOVEMBER 3 at 8:30 P. M.
Round and Square Dancing
Refreshments - Beverages 50c per person
Benefit of Christmas Cheer Program

Flattering
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COPPER ENAMELING
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MANY OTHERS
Everybody and his brother, sister, father and mother, SHOP AT CATSKILL VALLEY FOR A HOBBY
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PLANTS $1.00 each TULIP BULBS
ANDERSON'S
Broadway and Doris St. Port Ewen

Franciscan fine China
NOW 16 pc. Special Event
SAVE 15% until Nov. 6th

SILVER PINE
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OLDS FOR '57
has a new
HI-LO BUMPER!
New beauty . . . double duty, too! Oldsmobile's handsome new grille is a sleek, smart, twin-protection bumper—one of many new features that make Olds the value-car of the year!
SEE IT FRIDAY, NOV. 9, AT OUR SHOWROOM!
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PHONE 1450

Club Notices

Wiltwyck Unit

Wiltwyck Unit of Home Extension service will meet Tuesday, 1:30 p. m. Executive committee meeting will be at 12:30 p. m. All officers and leaders are asked to be present.

Sorosis

A meeting of Sorosis members and guests was held at the home of Mrs. A. Noble Graham, Monday. Arthur J. Laidlaw gave a paper on "The Value of a Liberal Education."

Dutch Guild

A Southern fried chicken supper will be served by the Dutch Guild of the Reformed Church in New Paltz, Wednesday, with servings at 5:30 p. m. and 7 p. m.

'Messiah' Sunday Rehearsal Put Off

The regularly scheduled rehearsal for "The Messiah" Sunday, Nov. 4, is canceled due to the presentation of an organ concert by Richard Ellsasser at 4 p. m. at the Old Dutch Church, corner Main and Wall streets.

Rehearsals for "The Messiah" will be resumed Sunday, Nov. 11 at 3 p. m. in the choir room of the Old Dutch Church.

All those who are interested in singing "The Messiah" which will be presented Sunday, Dec. 9, 4 p. m. are urgently requested to attend the remaining five rehearsals.

Cloudy Predicament

Des Moines (AP)—A Des Moines youngster wanted to know about the weather forecast, so he called the Weather Bureau and asked: "What's the predicament?"

Ahavath Israel Chairmen Promise Array Of Talent for Thanksgiving Eve Ball

DON FORBES

Announcement is expected sometime next week on the full list of entertainers scheduled to appear at the 20th annual stage show and ball of Congregation Ahavath Israel Thanksgiving Eve, Nov. 21, at municipal auditorium.

This was reported today by Herman G. Rafalowsky, honorary ball chairman, who this week completed negotiations for another all-star array of talent.

"Benjamin Schecter, chairman of this year's ball, will make the formal announcement next week," Mr. Rafalowsky said this morning and added "I can tell you that another wonderful array of talent will appear here for our annual holiday eve program."

Already booked to supply dance music for the 20th annual ball has been Les Elgart, recently named by Billboard magazine as the No. 1 band in the country.

Appearing with Elgart for vocal selections will be Don Forbes, a rising young singer who has made a big hit with fans wherever the band has appeared.

The Elgart orchestra has made recent record-smashing appearances at the Astor Roof in New York, the Steel Pier in Atlantic City, N. J., in addition to many others.

"We are very fortunate in having this great orchestra for our ball this year," both Mr. Schecter and Mr. Rafalowsky said this morning.

They added that the announcement of the individual entertainment acts next week will be in line with Ahavath's Israel's annual custom of bringing only the top names to Kingston.

Again this year, reserve seat arrangements will be available. Those desiring these are requested to contact Mr. and Mrs. Murray Greene, chairmen of this committee.

Kingston Hospital Auxiliary Reports On October Meeting

The large attendance of members and guests at the October meeting of the Kingston Hospital Auxiliary showed an active interest in the volunteer work carried on by the auxiliary. Especially noteworthy was the number of newcomers to the city who expressed a desire to engage actively in the volunteer service programs and to serve on the various committees.

Mrs. Sherwood Davis, president, announced the names of committee members for the 1956-57 year as follows: The Mmes. Adrian Kaplan and Herbert Lown, volunteer service desk; Robert Schnitzer, Stephen McGrath, William Hobbs, Richard McNaughton, Donald Otis, Harold Bailey and Burton Davis, sales cart; George Bushnell and J. Edward Costello, hospitality; Fred Carr, good cheer; Clyde Wonderly, Jr., membership; Joseph Jacobson, N. LeVan Haver and Burton Davis, purchasing and decorating; Frederic Holcomb Sr., resolutions; George Schneider, nurses' activities; Allan Hanstein, Christmas gifts; Frank Matthews and Austin Boyd, Christmas decorating; Miss Marguerite Meyers, publicity and Mrs. Roger Baer Schwartz, chairman of the annual ball committee.

Mrs. Burton Davis, treasurer of the sales cart, reported that after one year of operation the cart showed a net profit of $1,013.69 which will be used for projects in the hospital. Mrs. Davis also reported that the auxiliary decorating committee was actively cooperating with Robert Schnitzer, hospital administrator, in helping to plan and carry out decoration of the new wing of the hospital.

Following the meeting, Miss Rosemarie Pellegrino, director of nursing service and nursing education, gave a short talk on the nursing school and its future needs. She said the school now has state accreditation and is working for national accreditation and is making every effort to build a good sound educational program so that by 1959 they may attain such national rating.

Hostesses for the evening were the Mmes. George Bushnell and J. Edward Costello.

Chaffin-Harris Nuptials Are Told

Miss Henrietta Chaffin, corporal in the army, daughter of Mr. and Mrs. James Chaffin of 32 Meadow street, became the bride of Sgt. Charles A. Harris, son of Mr. and Mrs. Earl B. Harris of West Virginia, Sunday, Sept. 16, at 3:30 p. m.

The wedding took place at the Westover Air Force Base, Mass., in the Chapel.

The bride was given in marriage by her father. She wore a waltz length gown of white nylon tulle styled with a shirred bodice and an off-the-shoulder neckline with tiny sleeves. She wore a matching cap of nylon tulle embroidered with seed pearls and sequins and carried a bouquet of white carnations.

A/2c Louise E. Adams was the maid of honor. She wore a gown of lilac nylon chiffon, styled with a shirred bodice and an off-the-shoulder neckline with tiny sleeves. The full skirt was waltz length and she wore a headpiece trimmed with rhinestones and a flirtation veil. Miss Adams carried a bouquet of sweet peas.

Mervin McGennis was best man for the wedding.

A reception was held in Music Hall in Springfield, Mass.

Mr. and Mrs. Charles Harris left for a wedding trip to West Virginia following the reception.

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Little League Congress Will Consider Substitute Rule

Proposed Change Would Get More Players in Game

A change in national Little League by-laws permitting the use of more players in league games during 1957 was predicted last night by Vernon Kelder, district representative, in a speech before 200 members and families of the Junior Chamber of Commerce League at the Albany Avenue Baptist Church.

Kelder, an Ellenville attorney who is also president of the Ellenville Little League, said the amendment would be submitted to the LL's second annual Congress in April, 1957, at Chicago.

This plan calls for the adoption of the following rule, Kelder said:

"A player, with the exception of the pitcher, may re-enter the game once provided he replaces his original substitute and returns to his original position in the batting order. The substitute must play at least one complete inning."

First of Its Kind

Kelder said the by-law, if adopted, would mark the first time baseball has ever attempted the so-called substitution rule along the lines of basketball and football. He predicted its passage and said it would do much to alleviate the problem of what to do with the lowly substitute.

Members of the Eagles squad received championship awards and graduating players of the 1955-56 seasons also received trophies.

Paul Mills, manager of the Hawks, was the toastmaster. The Rev. Harold J. Stephanz, pastor of the church, gave the invocation.

Other speakers included Bill Steuding, league president; Chet Diffley, president of the Junior Chamber of Commerce and Charles J. Tiano, Freeman sports editor.

Jack Doyle, vice-president of the league and Joseph McCaffrey awarded the trophies.

U. S. Golfers Head Mexican Tourney

Mexico City, Nov. 2 (AP)—Americans will bid for a clean sweep of semi-final berths in the Mexican National Amateur Golf tournament today and it'll be an upset if they fail to make it.

Five of the eight survivors are Americans and included are Bill Campbell, Huntington, W. Va., Joe Conrad, San Antonio, Tex., and Rex Baxter, Amarillo, Tex., three of the leading amateurs in the U. S. the two others, Robert Davies of Pasadena, Calif., and Herbert Durham, Dallas, were matched against each other with one, of course, assured of a spot in the semis.

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Football Here and There

Sooners, Engineers, Vols Expected to Keep Rolling

(By The Associated Press)

Oklahoma, Georgia Tech and Tennessee, the 1-2-3 of the nation's college football clubs, are expected to hold tight to their honors through another heavy football weekend.

The firing on the top 10 starts tonight (Friday) at Miami's Orange Bowl where the University of Miami, ranked ninth, engages in an intrastate battle with Florida State. Boston will be the scene of another Friday night contest involving Boston College and Villanova.

After 36th Straight

Oklahoma is supposed to bowl over Colorado for its 36th straight in a Saturday game although it will be a fight for the lead in the Big Seven. It will take a Colorado earthquake to derail the No. 1 team.

Georgia Tech, the only other team to draw strong first place support after the downfall of Michigan State, invades Duke for a prime southern game. The unbeaten Tech Engineers with five in a row are favored over a strong Duke club.

Tennessee's third-ranked Vols take on coach Jim Tatum's North Carolina team at home where they expect to roll to a sixth straight.

Michigan State hopes to make up for last week's upset by Illinois by thumping a Wisconsin team that has won only once. Michigan State was dropped from first to fourth by Illinois.

Iowa vs. Michigan

The big game in the Western Conference finds unbeaten Iowa entertaining a Michigan club that could be on the rebound after its 20-7 loss to Minnesota a week ago. If Michigan wins, Ohio State can take over the conference lead by thumping Northwestern. The pairing of Purdue and Illinois is another interesting Big 10 match.

The Texas Aggies must whip Arkansas Saturday night to stay out front in the Southwest Conference if Southern Methodist does the expected by beating Texas. Somebody should catch it when Baylor, handed its first defeat by Texas Aggies, meets up with Texas Christian which has lost its last two to the Aggies and Miami.

Stanford Eyes Bowl

Stanford can bolster its Rose Bowl situation by following last week's victory over Southern California with a convincing decision over UCLA. Southern Cal is at Washington State, Oregon at California, and Washington at Oregon State, a 21-7 winner over UCLA last week.

Eastern fans will have an eye on the clash of two powerful teams, Penn State and Syracuse, each with 4-1 records. It will be Jimmy Brown of Syracuse against Milt Plum of Penn State with a share of the eastern lead hanging in the balance. Pitt, which topped Syracuse in early season, has a rugged intersectional date at Minnesota. The Colgate-Army battle is another top eastern game.

Pairings of teams in the top 20 in the latest AP poll include Pitt (11)-Minnesota (8), Iowa (7)-Michigan (tie 17), Penn State (12)-Syracuse (tie 17) and Clemson (13)-Virginia Tech (tie 15).

Hockey at a Glance

(By The Associated Press)

Thursday's Results

National League

Montreal 4, Detroit 3
Boston 5, Chicago 2

Friday's Schedule

American League

Buffalo at Rochester

Eastern League

New Haven at Philadelphia
Other leagues not scheduled.

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Dr. Goldfarb's Fog-Shrouded Ace Just Happened That Way

Dr. Saul Goldfarb, Fair street's golfing dentist, stood poised and grim with his trusty No. 6 iron on Twaalfskill's fog-shrouded No. 2 tee at approximately 1:30 p. m. Wednesday.

Around him stood two leering opponents — Dr. John Olivet and Louis J. Smith, the pill dispenser—and a faithful partner, George Svirsky.

Farther up the hill on the par-3 hole was George Hughes, the club champion, who was serving as caddie. The weekly vendetta of golf's Fearsome Foursome was just warming up.

An Erie Setting

Betwixt tee and green the fog was so thick you could cut it with a knife, to coin an original phrase. From 75 yards away, Hughes looked like a principal in one of Albert Hitchcock's London murder hysteries.

Dr. Goldfarb cut loose with a mighty swing. The agate soared in a beautiful trajectory, hissing through the leaden fog and came to rest, kerplump, right in the cup for a hole-in-one. It was the first ace of his golf career, one that has had a delightful blend of commotion and frustration.

At least that's what an examination of the hidden green revealed when the troupe had finished their climb up the hill.

Immediately a protest went up from the opponents, who hinted sarcastically that a stray dog, in the fog, might have kicked the ball into the cup.

But George Hughes, first man to reach the cup, pronounced it a hole-in-one. And nobody, but nobody, questions the club champion.

George Magley's was on the elevator in the Sportsmen's Major last night, but mostly going up as he reeled off 231, 147, 212 for high series.

Bal Pitosen fired 204-573, Chris Robinson 214-511, Harry Seceto 506, Warner Miller 211-514, Gerry Kearney 526, Joe Mahar 210-535, Joe McGrane 509, Sheldon Levy 200-539, Mike Ferraro 531, Ed Auclair 200-527, Gene Vogel 232-566, Jack Thompson 202-538, Joe Coughlin 521, Ferrell McElrath 508, Red Gorsline 560, Joe Lukas 201-565.

Team results:

Reynolds Plumbing 2, Unknowns 1; Circle Bar 2, Williams Lake Hotel 1.

OF NATIONAL NOTE: Hamm's Beer of Chicago have signed Dick Selgo, former Bowling Green University basketball star from Port Clinton, Ohio. Rudy Pugel and Dennis Wright have switched from Marino Recreation to the Strachota's in Milwaukee . . . France Lauv, longtime baseball "voice of St. Louis" and pioneer St. Louis Cardinal broadcaster, has succeeded Gus Temperli as the St. Louis Bowling Association secretary . . . . At a Falstaff Beer exhibition in Tulsa, Okla. this summer it took eight police crowds to handle the overflow crowds, according to Falstaff captain, Buddy Bomar . . . Don Ellis, Bomar's latest addition from Houston, Texas, says he's happy to be up north bowling but already is fearing next winter's weather . . . . Frank Benkovic returns to the scenes of his greatest triumphs, Milwaukee, as a Brunswick representative after 16 years for that company in Cincinnati and Kansas City.

Chapman Leads Pioneers With 493

Mabel Chapman anchored the Carnright squad of the Pioneer Women's League with high triple of 493 on lines of 151, 164, and 178.

Ethel Henderson powered 454 and Carol Adin posted 402. Flo Bonesteel knocked off the 6-7-10 split.

Team results:

Worf's 1, Carnright's 2; Cedar Rest 3, Alpine 0; DeLuca's 1, Kelder's 2.

* * *

Murray Raps 563

Alfalfa Murray put together games of 211, 153 and 199 for top series of 563 in the IBM Seneca circuit.

Ed Allen shot 224-531, Ben Galitzky 510, Ed Bock 506 and Don McConnell 519.

Team results:

Seneca 0, Blackfeet 3; Alleghenys 3, Cayugas 0; Apaches 0, Cherokees 3; Mohawks 0, Iroquois 3.

DELAMATER HITS 502 IN CENTRAL REC LOOP

Marge Delamater fired 157 and 154 after a 191 opener for high triple of 502 in the Central Rec Women's league.

Elinor Burberg cracked 461, Mildred Mackey 410, Alicia Wrinn 421, Dot Khederian 415, Phyl Gehringer 477, Hilda Johnson 426, Janet Hines 446, Mildred Buddington 468, Gen Whitmore 426, Mary Mills 478, Nell Glennon 419, Rosemary Pillsworth 450, Jessie Burnett 442, Marge Hornbeck 423, Marcia Olbert 426, Pat Pearson 404, Evelyn Francis 446, Ellen Hutton 440, Belle Schwartz 413, Thelma Garon 465, Edna Peterson 422, Mary Kennedlly 413, Phyllis Wolff 431.

Team results:

Stone Ridge Fire Aux. 3, Boice's Dairy 0; GI Joe's Express 2, Madden's TV 1; Marcrest Lamps 1, DeLuca Cleaners 2; Minasian's Market 3, Singer's Dept. Store 0.

Shuffle Teams All Win by 4-3

Kingston Power Boat Association, Moose Lodge and Elks Lodge scored identical 4-3 victories in the Inter-Fraternal shuffleboard league.

The KPBA edged St. Mary's, 4-3, as Vern Radel scored 20 points for the winners and Joe Frangello led St. Mary's with 19.

Gus Scharpf's 18 points led Moose Lodge to its 4-3 win over VFW. Bob Scanlon registered 21 points for the Vets. Ed Cline and Bill Lawton doubled for 28 points.

Mickey Ryan and Ed Baker doubled for 27 points as Elks nipped the Knights of Columbus, 4-3. Al Chmura and Joe Kelly tied the total for the Knights. Hank DeWitt of the Elks and Kelly tied for the individual lead with 22 points apiece.

Fights Last Night

(By The Associated Press)

Los Angeles—Tombstone Smith, 153½, Los Angeles, stopped Hank Davis, 154, Phoenix, Ariz., 9.

Dallas—Buddy Turman, 185, Noonday, Tex., stopped Emil Brtko, 202, Pittsburgh, 3.

Portland, Maine—Butsy Gallant, 146¾, Rumford, knocked out Larry Griffin, 140¾, Auburn, 8.

Bugs in the Cooler

Memphis (AP) — When C. B. Thrasher's air conditioner went on the blink he called a repairman to "come get the bugs" out of it. The "bug" was a half-grown opossum which had built a cozy nest in the window-type cooler.

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Mid-Hudson Classic Will Start Sunday

Sixteen Ace Pinmen to Roll At Central Recs

A new individual bowling league—the Mid-Hudson Singles Classic—gets under way with a 16-man field Sunday at 2 p. m. at the Central Recreation alleys.

Larry Weishaupt has been named president of the league which plans to have 16 of the mid-Hudson's best trundlers roll a 15-week schedule.

Other officers are Charles Manfro, vice-president, and Jerry Oster, secretary-treasurer.

Petersen System

Each bowler will roll four games a week across eight alleys. The Petersen point system will determine the standings. At the end of 15 weeks of action, the four top bowlers will engage in a round robin to determine the Classic champion.

Among the bowlers already entered are such standouts as Harold Broskie, Larry Weishaupt, Jerry Oster, George Shufeldt, Frank Spada, Frank Leskie, Frank Grimaldi, Ken Joseph, Dick Howard, Don Sickler and Eddie Heins.

Phil Versace and two other Poughkeepsie keglers are expected to compete. Tim Bilyeu will represent Ellenville. The league will be sanctioned with the American Bowling Congress.

Forsts-Pizzeria Highlights HVBL Slate Saturday

A home town vendetta between the league leading Forst Formosts (17-4) and Tony's Pizzeria (11-10) Saturday night at the Bowlodrome highlights weekend activity in the Hudson Valley League.

Jones Dairy, in third place with a 15-6 record, travels to Liberty Goodys (9-12), while GI Joe's Express (13-8) takes on Poughkeepsie Inn (8-13) at the Bowlodrome.

Broskie Leads Averages

Harold Broskie of the Tony Pizzeria squad leads the individual averages with a 203-19 figure for 21 games. Joe Torelli of Middletown Merchants is second with 202-4. Broskie also holds high series of 703.

The figures:

League Standing

	W	L	Av.
Forst Formosts	17	4	960
Channel Master	16	5	968
Jones Dairy	15	6	960
Hotel Newburgh	14½	6½	934
GI Joe's Express	13	8	928
Mardi Bob Lanes	12	9	927
Midd. Merchants	11	10	965
Tony's Pizzeria	11	10	965
Ten Pin Grill	9	12	893
Liberty Goodys	9	12	865
Poughkeepsie Inn	8	13	881
Ell. Shanahans	6	15	875
Ellenville Economy	3½	17½	841
Walden Peppy's	2	19	866

Individual Leaders

	G	Avge.
Harold Broskie, TP	21	203-19
Joe Torelli, MM	20	202-4
Sam Fisher, CM	21	199-11
Larry Petersen Jr., FF	21	199
Tom Carlino, FF	21	198-19
Jake Charter, PMB	21	198-4
Will Brooks, HN	18	198-2
Jack Ferraro, JD	21	197-19
John Ferraro, JD	21	196-14
Frank Greco, CM	21	195-14

Ichabod Crain Cops Yonkers Featured Pace

Yonkers, N. Y., Nov. 2 (AP)—Ichabod Crain, driven by Stanley Dancer, scored a popular victory in last night's featured Batavia pace at Yonkers Raceway.

A strong public choice at $3.50 for $2, Ichabod Crain took command with a rush along the backstretch but was all out to withstand the finishing surge of Snipe Reward. Kenneth Tryax came from far back to be third.

Ichabod Crain paced the mile over the slow strip in 2:12 3/5.

Hoople Relaxes This Week; Picks NFA to Blast Beacon

BY MAJOR AMOS B. HOOPLE
Inventor of Unbalanced Line

HALLOO, all my ardent followers! What with only a sprinkling of area high school games on tap this weekend, your super-dynamic seer is reclining in paradise, gloating over my prognostications.

Calculations derived from Univac compel me to divulge these astounding season's figures: 22 correct, 6 wrong and 1 tie. Datation feeds me this unapproachable average—.786—hak-kaff!

(Editor's Note: The old windbag seems too cocky and serene since he inveigled the assistance of the champ (Bernice Coughlin) in making his stupendous selections. What the old goat needs is a good jolt).

Conspicuous by their absence in this week's forecast are the marvelous Maroon Maranders of Kingston and the stupendous Sawyers of Saugerties. Coach Bill Burke's brigade has a weekend vacation before spreading their reign of terror into Dutchess county Nov. 10 against Beacon. Another mentor with the first name of Bill (Straub) is relaxing comfortably for the long winter months ahead after guiding his all-conquering contingent to a perfect season.

Dutchess Flava

Thus our favorite clientele must be satisfied with a trio of tilts in Dutchess county and a pair in Orange Saturday. Since the lateness of the hour is robbing me of valuable sleep which helps rest my fertile brain let us skip through some of these scores:

Wappingers Falls, 20, Highland 13.
Newburgh 32, Beacon 14.
Vincentian of Albany 27, Poughkeepsie 20.
NYMA 20, Middletown 6.
East Stroudsburg (Pa.) 14, Port Jervis 6.

Now we will get along with the collegiate slate:

Army 20, Colgate 12
Princeton 27, Brown 13
Columbia 14, Cornell 7
Yale 20, Dartmouth 7
Penn 19, Harvard 14
Kentucky 27, Maryland 14
Notre Dame 20, Navy 7
Syracuse 14, Penn State 7
Minnesota 13, Pitt 6
Illinois 20, Purdue 14
Iowa 14, Michigan 7
Wisconsin 20, Michigan State 14
Ohio State, 34, Northwestern 7
Kansas 20, Kansas State 6
Missouri 19, Nebraska 7
Oklahoma 27, Colorado 14
Georgia 20, Alabama 7
Tex. A. and M. 20, Arkansas 13
Florida 14, Auburn 7
Tex. Christian 21, Baylor 7
Georgia Tech 27, Duke 12
La. St. 13, Mississippi 7
Tennessee 19, No. Carolina 7
So. Methodist 33, Texas 20
California 14, Oregon 0
Oregon State 20, Washington 6
So. California 20, Wash. State 0
Stanford 21, UCLA 14

Pro Basketball

(By The Associated Press)

Friday's Schedule

No games scheduled

Thursday's Results

Minneapolis 97, Rochester 88

Saturday's Schedule

New York at Boston
Fort Wayne at Philadelphia
Syracuse at St. Louis
Minneapolis at Rochester

Canadiens Hand Wings 1st Defeat

(By The Associated Press)

The Montreal Canadiens, who have been having a difficult time getting started in defense of their National Hockey League title, look to be underway after 4 straight setbacks.

The Canadiens, looking much like the team which won the league championship and Stanley Cup last season, exploded for 3 goals in the final period last night to hand the Detroit Red Wings their first defeat of the season. The score was 4-3.

In the only other action last night, the Boston Bruins turned back the cellar dwelling Chicago Black Hawks 5-2 to move into a tie with the idle New York Rangers for third place.

The Red Wings, who had won five and tied two, looked like they were en route to their sixth victory (Boom Boom) Geoffrion, Henri (Pocket Rocket) Richard and Jean Beliveau scored the third period goals. Beliveau's goal was his second of the game. He also assisted in Geoffrion's tally.

Nice salad to serve with lamb: salad greens, grapefruit sections and cubes of mint jelly.

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Huguenots Resume Grid

Pine Bush Turns Back New Paltz Eleven, 30-7

Pine Bush Central spoiled New Paltz Central's return to football by walloping the Huguenots 30-7 under the arcs at the New Paltz field.

The contest marked the first appearance for the Huguenots in little more than a month. The school dropped football temporarily just before its Sept 29 battle with Pawling when it lost its coach, Ed Farrell, to the army and because of injuries, dropouts and eligibility problems.

Team Reorganized

Athletic director Larry Johnson reorganized the team for the Pine Bush battle, but the long layoff proved too much to overcome. The Bushmen piled up a three-touchdown lead by the end of the first quarter and won going away.

New Paltz scored its only TD in the second period on a 30 yard run by halfback Bob Kelly.

The Orange county club took advantage of several breaks to get off to their fast start. Charley Frost launched the scoring with a 45 yard jaunt on the second play from scrimmage.

25 Yard Pass

Shortly after that, Vern Darmstadter passer 25 yards to end Pat Murray, Darmstadter then scored himself just before the end of the first period on a 25 yard dash.

The Darmstadter-Murray combination clicked for the Bushmen's last two scores in the second and last quarters. The first play covered 23 yards and the other was good for 65 yards.

New Paltz has canceled its scheduled game with Saugerties Saturday, but will play the postponed game with Pawling, Nov. 8.

The lineups:

New Paltz	Pos.	Pine Bush
Roberts	RE	Larson
Carroll	RT	K. Murray
Pine	RG	Couser
Harcourt	C	Staff
Decker	LG	Upright
Cooper	LT	Russell
Vetters	LE	P. Murray
Heigerd	QB	Frost
Kelly	HB	Malcarne
Campbell	HB	Amore
Hess	FB	Darmstadter

Score by Quarters:

Pine Bush	18	6	0	6	—30
New Paltz	0	7	0	0	— 7

New Paltz reserves: Oliver, Emanuel, Lyons, Rooney, Gregor. Officials: Blume, Kroh, Wood.

Brown vs. Rosi In Washington

Washington, Nov. 2 (AP) — Henry Brown and Paolo Rosi, both undefeated this year, clash tonight in a 10-round you-pick-it lightweight bout at Capitol Arena.

Brown, nicknamed the toothpick because of his skinny structure, is looking for his third straight knockout of 1956 but isn't likely to find the 28-year-old Rosi easy.

Rosi, a balding Italian now living in the Bronx, has won 22 of his 25 fights, 10 by kayo.

Neither battler shows in the National Boxing Assn. rankings. The bout will be carried over a national TV-radio hookup (NBC, 10 p. m. EST).

Lakers Top Royals, 97-88

(By The Associated Press)

After a sparse opening week schedule of seven games, the National Basketball Assn. swings into full-time operation starting with a complete slate of games tomorrow.

The Syracuse Nationals, Eastern Division leaders with a 2-0 record, will be in Buffalo to meet the St. Louis Hawks, top club in the west with a 1-0 mark.

In other contests, the New York Knickerbockers visit the Boston Celtics, Fort Wayne's Pistons play the champion Philadelphia Warriors and the Minneapolis Lakers take on the Rochester Royals.

The Lakers knocked over the Royals, 97-88, in Johnstown, Pa. in the only game played last night. Whitey Skoog led the Lakers offense with 20 points.

Minneapolis held a 45-43 halftime lead, but the Royals tied the game, on Jack Twyman's basket near the end of the third period. Then Clyde Lovellette, who tallied 17 for the winners, and Bob Leonard came back with quick goals to put Minneapolis ahead to stay.

Twyman and Richie Regan were high men for the Royals with 15 points each.

St. Louis, Nov. 2 (AP)—Mickey Owen, former catcher for the St. Louis Cardinals, signed last night as a scout for the club in the Puerto Rican area for the winter.

SPECIAL Saturday Night
Turkey Dinner $1.25
PIZZA'S Served DAILY
WORF'S Restaurant
97 Abeel Street

WIMPY'S
92 BROADWAY
PIZZA PIES 60c and up
All Beef HAMBURGERS
To Take Out 6 for $1.00

ENJOY the FINEST
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Served in
Pleasant Atmosphere
at Modest Prices
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Catering to Lunches, Family Dinners and Group Parties.
EVERY DISH A SHEER DELIGHT !
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OPEN 7 DAYS A WEEK
Be Sure to Visit Our Well Stocked Bar

CURIOSITY KILLED A ? ? ? ?
Why not let curiosity get the better of you? Buy your ticket now for
"LADIES IN RETIREMENT?"
A 3-act mystery drama presented by the Coach House Players benefit the scholarship fund.
WEDNESDAY and THURSDAY, NOV. 7 and 8
at George Washington School
Tickets available at Helen Davenport's, Flanagan's, London's and at the door.

WEEKEND SPECIALS AT
RICHIE'S RESTAURANT
ON ROUTE 32 7 MILES NORTH OF KINGSTON
GRILLED HAM STEAK DINNER $2.00
PINEAPPLE RING
A la Carte —
ARROZ CON POLLO (For 3 or more please order in advance)
ROAST LONG ISLAND DUCKLING
Homemade Apple Pie and Cream Pie
$1.60
OPEN 12 NOON TO 9 P. M.

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PARTIES — BANQUETS AND WEDDINGS
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BARN
ROUTE 28, KINGSTON
Just Over Washington Ave. Viaduct
DANCING
SATURDAYS
to the music of
THE 4-TONES
Luncheon and Dinner Served Daily 12 noon to 9 p. m.
CATERING TO WEDDINGS, BANQUETS and PARTIES

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It is quite simple to rate on a dinner date with the girl of your dreams or your own family and friends . . . the dinner and cocktail menus at Hoppey's will delight and please any Sunday dinner guest. See you Sunday?
HOPPEY'S
We Cater to Large and Small Parties
Call 2475 for estimates
286 WALL STREET "Known for Fine Foods"

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765 Broadway Phone 3556
— LOUIS "CHIC" PROVENZANO —
Introduces - - - -
Genuine Italian-American Cuisine prepared by our new Chef Adduci, direct from New York City. Read this and let him satisfy your appetite for truly extraordinary food prepared Neopolitan style at Kingston's truly fine Italian-American Restaurant.
A LA CARTE
Appetizers
Antipasto 75c — Celery and Olives 50c
Shrimp Cocktail 85c — Fruit Cocktail 25c
Clams on Half Shell 75c — Tomato Juice 25c
Salads Made to Order
SOUPS
Minestrone 40c — Chicken with Noodles 25c
Chicken with Escarole 40c — Soup du Jour 25c
MACARONI
La Sagne 1.25 — Manicotti 1.25
Ravioli 1.25 — Baked Ziti 1.00
SPAGHETTI or LIQUINE WITH —
Shrimp Sauce 1.25
Mushroom Sauce 1.25
Sausage 1.25
Meat Balls 1.00
Meat Sauce 1.00
Marinara 1.00
Clam Sauce (white or red) 1.00
Anchovies and Oil 1.00
Garlic and Oil .90
Tomato Sauce .90
MEATS
Veal Rollettini with rice 2.50
Veal Cutlet Parmigiana 2.00
Veal Chops Pizzaiola 2.00
Chicken Cacciatore and Mushrooms 2.00
Veal and Peppers 1.50
Broiled Sirloin Steak 3.50
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Broiled Ham Steak 1.75
Pork Chops Pizzaiola 2.00
Sausage and Peppers 1.50
Sausage and Tomato Sauce 1.25
Egg Plant Parmigiana 1.25
Meat Balls with sauce 1.00
Half Broiled Chicken 1.75
Roast Sirloin of Beef 1.75
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VEAL SCALLOPINI WITH —
Peppers and Mushrooms 2.25
Mushrooms 2.00
Red Sauce 1.75
Sherry 1.75
Lemon 1.75
Peppers 1.75
FISH
Lobster, Marinara Sauce 2.50 Baked Clams Ariganata 1.25
Filet of Sole 1.25 Lobster, Fra Diavoli, med. hot sauce 2.50
Shrimp with Marinara Sauce 1.50
Steamed Clams, white, red sauce 1.35
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DESSERTS
Spumoni 30c Biscuit Tortoni 25c Italian Cheese Cake 35c
Italian Cream Cake 30c Pie 25c Jello 25c
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Dolly Madison Chocolate or Vanilla Ice Cream 25c
Coffee Tea Milk or Demi Tasse 25c
(CHOICE OF VEGETABLE and POTATO OR SPAGHETTI WITH MEAT AND FISH DISHES)

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COME EARLY TO
McConnell's Restaurant
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KINGSTON'S TOP SPOT FOR ENTERTAINMENT
WE PROUDLY PRESENT
Bob (Irish Boy) Keefe, New York's Top M. C.
GUARANTEEING A LAUGH A MINUTE
FEAST YOUR EYES ON
ALOTA LETA — Miss Exotic of 1956
DANSEUSE EXTRAORDINAIRE — SOCKSATIONAL SIZZLING
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Dancing starting at 7:30
FRANK VIGNA'S QUARTET
FEATURING PETE LUTJEN'S ELECTRIC GUITAR
• 2 BIG SHOWS •
NO COVER TEL. 8010 NO MINIMUM

ATTENTION
LE GOURMET
French Cuisine
WILL REOPEN
FRIDAY, NOV. 2
Phone Saugerties 672-R-2

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618 B'WAY PHONE 1150
SAT. NIGHT SPECIAL
Roast Loin of Pork
Potato and Fresh Vegetable
$1.25
SPECIAL SUNDAY DINNERS

Look
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BARBECUE Sandwiches
Beef or Pork
Orders to Go
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SPORTSMEN'S PARK
Rosendale, N Y. Phone 3551
SATURDAY NIGHT
The Rhythm Makers
MODERN and SQUARE DANCING

—FALL DINNER—
Prime Ribs of Beef or Sauerbraten
at
THE ALPINE
3 MILES SOUTH OF KINGSTON — OFF ROUTE 32
Saturday, November 10th at 7 P. M.
ORCHESTRA FOR DANCING
Tickets $2.50 per person Reservations Kingston 3089

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ROLLING ACRES INN
On picturesque Ohayo Mt. Overlooking the Ashokan Reservoir
SATURDAY, NOVEMBER 3, 10 P. M.
Patrons and Friends Invited — SMORGASBORD
PIANO STYLIST — VINCE MAGLEON
DINNER 5 P. M. to 9 P. M. — SUNDAY 1 P. M. to 9 P. M.
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Music Every
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Available for Weddings, Showers and Banquets
WEDDING BUFFET LUNCHEONS
as low as 75c per person
FINE FOOD, BEER, WINES and LIQUORS
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2 Shows, 7:00 & 9:00 P. M.
NOW PLAYING
In SuperScope and Technicolor
"RUN FOR THE SUN"
Richard Widmark
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Cartoon • Sport Reel
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YOUR FRIENDLY DRIVE IN
SUNSET DRIVE-IN THEATRE
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SPECIAL TONIGHT
KIDDIE CARTOONS
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For Your Comfort . . . Clean, Heated Rest Rooms and Snack Bar
Children Under 12 Free

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A Walter Reade Theatre
PHONE 1613
SHOWPLACE OF THE HUDSON VALLEY
MATINEE 2 P. M. EVENING 7-9 P. M.
TODAY & SATURDAY
WHATEVER ELSE A MAN HAS IN HIS HEART — IT'S EMPTY IF HE DOESN'T HAVE A WOMAN THERE - - -
This is about Linc Bond —a man in love. His turbulent personal story brings a challenging new role to William Holden.
WILLIAM HOLDEN
Co-Starring
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"TOWARD THE UNKNOWN"
KIDDIE MATINEE!
SATURDAY — ONE SHOW ONLY — 1 P. M.
CARTOON AND WESTERN SHOW
STAGE GAMES AND PRIZES
STARTS SUNDAY
JOHN O'HARA'S FLAMING PORTRAIT OF THE JAZZ AGE
when songs began to rock and dances began to roll!
The Best Things In Life Are Free
COLOR by DELUXE CINEMASCOPE
starring Gordon MacRAE Dan DAILEY Ernest BORGNINE Sheree NORTH
Produced by HENRY EPHRON Directed by MICHAEL CURTIZ Screenplay by WILLIAM BOWERS
TO OUR PATRONS . . . THE OUTSTANDING FILM EVENT OF THE YEAR, STARTING WEDNESDAY, NOVEMBER 7TH.
CURTAIN AT 8:40
With a Different Program Each Week
Our Opening Program
"DIABOLIQUE"
THE BEST FILMS OF THE YEAR

KINGSTON
A WALTER READE THEATRE
MAT. DAILY 2 P. M.
EVE. 7 & 8:30 PH. 271
— TODAY and SAT. —
DOUBLE THRILLS
The Crime Syndicate's "Operation Joyland"!
MIAMI EXPOSE
LEE J. COBB · PATRICIA MEDINA · EDWARD G. ARNOLD
A COLUMBIA PICTURE
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CANYON RIVER
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starring GEORGE MONTGOMERY MARCIA HENDERSON
• STARTS SUNDAY •
Ginger ROGERS Barry NELSON Carol CHANNING
THE FIRST TRAVELING SALESLADY
TECHNICOLOR
Co-Hit "Stage Coach to Fury"

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SAUGERTIES ROAD AT KINGSTON 9W BY-PASS
A Walter Reade Theatre
Opens 6:30, Show at Dusk
— TONIGHT —
2 BIG FEATURES
& 1 FULL HR. CARTOONS
FEATURE No. 1
PILLARS OF THE SKY
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JEFF CHANDLER · DOROTHY MALONE
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PLUS 1 FULL HOUR CARTOONS
• Starts Sunday •
DOUBLE HITS
MARILYN MONROE in BUS STOP
2ND FEATURE
WALK THE DARK STREET
EXTRA FEATURE EVERY SATURDAY NIGHT
Children Under 12 FREE

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CLASSIFIED ADVERTISING RATE Lines	1 Day	3 Days	6 Days	25 Days
3	$ .60	$1.53	$2.52	$ 8.25
4	.80	2.04	3.36	11.00
5	1.00	2.55	4.20	13.75
6	1.20	3.06	5.04	16.50

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Advertising ordered for irregular insertions takes the one time insertion rate. No ad taken for less than basis of three lines.

The Kingston Daily Freeman will not be responsible for more than one incorrect insertion of any advertisement ordered for more than one time.

The Publisher reserves the right to edit or reject any classified advertising copy.

Classified advertisements taken until 10 o'clock Uptown, 10:30 Downtown each day except Saturday. Closing time for Saturday publication 4:30 p. m. Friday.

Uptown

AFC, BSW, CFC, ET, FB, HH, IBM, JJ, IFG, MAN, M, OT, ROOM, S, WHM, YOM.

Downtown

None

ARTICLES FOR SALE

ACCORDION—120 bass with case and stand. Call 3683 after 6 p. m.

A COMPLETE COLLECTION — of crowns for the bride who has her own gown . . . with hand rolled fingertip veils—from $14.98. Crowns alone for bride & bridesmaids from $5.50. Rae Barth, 15 No. Front St., Kingston, N. Y. Phone 5554.

A FENDER guitar or amplifier is tops. Try them at SAM'S, 76 North Front opposite Firestone. Open evenings by appointment.

A GOOD GRADE OF TOP SOIL, sand, fill, shale, also building, plastering and molding sand loaded in trucks or delivered. George Van Aken. Phone 2672-M-2.

AGAIN—it's Lena's for Xmas gifts; bigger discounts, gigantic basement display. Come early for best selection. Texaco, Junction 9-W & 32, 2 miles south of Saugerties.

A KROEHLER sofa & chair $129.32; Kroehler sofabed & chair $113.52. Buy new for less than used—at Butler's low overhead Furniture Store on Route 28A in West Hurley. Budget payments.

ARMSTRONG'S QUAKER RUGS—all sizes, lowest prices; Thriftex 9x12 rugs, $4.95; floor covering 39c sq. yd. up; metal wall cabinets; mattresses, studio couches, wardrobes at reduced prices.
COHEN'S
15 Hasbrouck Ave. Downtown

AN INVITATION

To the general public to purchase at discount prices TV antennas, tubes, electronics, HI-FI and tape recorders at Poughkeepsie's only complete Electronic Dept. Store. Higgins & Sheer, Dutchess Turnpike. Poughkeepsie. Open Thurs. till 9, Saturdays till 4.

Ask for "OK" Fallerman. I make loans $25 to $500 to BUY ANYTHING . . . . to PAY BILLS. UPSTATE LOAN CO. 36 N. Front, cor Wall St. 2nd Fl. Phone 3146. Open till 8 p. m. Fridays.

A TOP QUALITY Shale and fill loaded in trucks or delivered. Joseph Stephano. Phone 4740.

BARGAINS — children's wear, gift items at R & M Economy Shop. Lowest prices! Millard Bldg., 106 Prince St.

BEST GRADE — Top soil, fill, shale, delivered. Kingston 573-W-2.

B.G. LOADER—1 yd. bucket; O.C. 3 Oliver dozer; low bed trailer. Ph. 8084 after 6 p. m.

BICYCLE — (Girl's), perfect condition with horn, light, basket & rear package stand. Phone 567-J.

BILLIARD TABLES — (3) pockets, balls, cues, etc. 2 refrigerated meat cases, 8' & 16'. Reasonable prices. Phone Saugerties 861.

CABINETS—for kitchen or any room; expertly made. For free estimate call Harry Sanger, 6565, 5394-W.

CAMERAS—used. Always a fine selection at low prices. Tom Reynolds, Community Theatre Building, 599 B'way. Phone 5039.

CASH REGISTER — (National) cost $400, sacrifice $200. Terms. Ph. 310.

CASH—your way and fast. Loans $25 to $500. Beneficial Finance Company of New York, Inc., 319 Wall St. (over Newberry's) Phone 3470.

CHAIN SAWS (ONE MAN)

McCulloch Sales, Parts, Service
West Shokan Garage. Ph. Shokan 2573, West Shokan, N. Y.

COMB. STOVE—with coil to heat water. Monell tank, 40 gal.; comb. writing desk; double bed comp. with mattress & spring; living room chairs; Sargent door checks; also floor lamps. 298 Clinton Ave. Phone 9218.

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Custom Built Kitchen Cabinets
Formica Tops • Dinette Sets
Albany Ave. Ext. (Opp. Kraus Farm)
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DINING RM. SUITE—9 piece, walnut; extension table; china closet; sideboard; 6 chairs; good condition, $45. Hubert, Wdsk. 2766.

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FOLDING DOOR—1 single deluxe Folddoor, for opening 16' wide and 6' high, original purchaser can not use. New, must sacrifice at cost price. Phone Newburgh 6333 collect.

FURNACE — warm air including metal ducts. Price $35. Inquire 214 Downs St.

FURNITURE—Rugs, couch, tables, drapes, like new. Ph. 2420 weekday evenings after 7 or all day Saturday & Sunday.

FURNITURE & DISHES
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Union Center Rd., Ulster Park

GARDEN AIDE TRACTOR — with garden plow and snow plow, $145. Phone 8936.

GUN—16 gauge single; sleeping bag; photography equipment; baseball glove, 1st base. Ph. 4934-M.

HORSE MANURE—96 Bruyn Avenue

ICE SKATES (girl's) size 13; 1 pr. roller skates, toe stop, size 1; 1 pr. tap shoes, size 1, $3 each. Phone 467-W-1.

KITCHEN TABLE & CHAIRS—gas range, refrigerator, washing machine, living room set, sewing machine, occasional chairs, etc. Phone 2322 or 2100.

LAUNDROMAT—Westinghouse, very good condition, practically new. Ph. 4388.

LAMPSHADES — in Silk, Fabric & Parchment. Largest selection in Hudson Valley. Create a new look in your home with these lovely DECORATOR shades. Also beautiful TABLE & VANITY LAMPS & other GIFTS.
GOV. CLINTON GIFT SHOP
Gov. Clinton Hotel. Ph. 1495

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3 pieces, very reasonable
Phone 953-R

LIVING ROOM SET—3 piece, fine quality, in excellent condition, $75. Phone 824 till 7 p. m. No Sunday calls.

MEN'S SUITS—$4, sport jackets $2, slacks $1. Phone 4816.

MUSHROOM DIRT-TOP SOIL
FILL - GRAVEL - SAND - SHALE
CRUSHED STONE - Del. Ph. 8085-R

MOUTON LAMB COAT—¾ length, size 14-16, good condition, reasonable. Phone 1668 between 5 & 6 o'clock.

MUSHROOM DIRT • FILL • TOP SOIL • SAND • SHALE • GRAVEL
DELIVERED. PHONE 7651-W

OIL TANK—550 gallons, (new) never been used. Phone 22-R-1.

PIANO — Wurlitzer electronic, like new, $299. Phone 4747-J.

POPCORN MACHINE — Hollywood model, slightly used. Ph. 5727-W.

POWER TOOL RENTALS — save time, money. Everett & Treadwell, 130 N. Front St. Phone 2644.

REPEAT SALE
3/32nd rubber tile, 3c apiece
Mid-Hudson Floor and Wall
52 Hurley Ave.

RUGS—9x12, $4.95 & up. Heavy wt. 9x10½, $6 & up. Floor covering 33c ft. & up. Studio couch, gas ranges, mattresses, chests, metal cabinets, base cabinets, office desks. Lowest prices. Chelsea Furniture, 16 Hasbrouck Ave.

SHERWIN WILLIAMS PAINT
HARDWARE & HOUSEWARE
LYLE'S
FOXHALL & ALBANY AVE.

SEE THE NEW SHOPSMITH MARK V—A complete power workshop in a single unit, 5 major power tools—circular saw, sander, wood lathe, vertical and horizontal drill. Exclusive safety features and dial speed control. Delivered complete with ¾ HP motor ready to operate. See it today at Wards. Ask for a free demonstration and Shopsmith folder.
MONTGOMERY WARD
25 N. Front St. Kingston, N. Y.

SPACE HEATER — good condition. Phone 185-M-2.

STROLLERS—combination, pad and basket, like new, $25; another stroller for $6; kitchen set $5. Phone 4973-M.

TELEVISIONS—used sets, all sizes 17" to 24", $35 and up. George Cosenza, 55 Hinsdale St. Ph. 7144.

TILE BOARD—all colors 4'x4'—21c sq. ft. 3'x4' 16c sq. ft. Dussol Brothers, Mt. Marion, N. Y.

USED — ranges, refrigerators, washers, dryers, sinks, water heaters; reconditioned; guaranteed! Large selection.
J. ELLIS BRIGGS, INC.
Saugerties Rd. Kingston Tel. 7072
Open Fridays 'til 9

VACUUM CLEANER—Air Way Sanitizer, like new, $20. Also Singer electric sewing machine, sews back & forth; used 5 mos. $35. Write Box 29, Downtown Freeman.

WE BUY radiators, sinks, pipe, tubs, toilets, boilers, ftgs., etc.
216 Albany Ave. Ext. Ph. 7428

WESTINGHOUSE—1956 Laundromat or dryer. Try before you buy. Call Poughkeepsie 6688 for a free two-week home trial. Low down payment. Meter plan.
DOMESTIC APPLIANCE CO.
407 Main St. Poughkeepsie

WOOD—heater, cookstove & fireplace. Prompt delivery. Ph. 5718-J.

WARM AIR FURNACE—coal fired, excellent condition. Only $50. See furnace in operation. Call J. Ellis Briggs Inc. Phone 7072.

WASHER–MW agitator, with wringer, good condition, $60. Boy's snow suit, boy's blue dress suit, 6 to 8 yrs. Phone 3298-W.

WINTER COAT—girl's, size 15, wine color, good condition. Ph. 382-J.

WASHER—(GE) wringer type, very good condition. Phone 2116

WASHER—Easy spin dryer Deluxe, with faucets and all attachments. Used little, excellent condition; old model Zenith console radio, mahogany finish. Phone 9618-J after 7 p. m.

WASHER — Bendix automatic, flat top ironer, all in good condition. Phone 867 evenings 5-7 p. m.

WASHER — Universal, combination tub and sink; 3 French doors, 6' 8"x30"; 2 inside panel doors 6' 8"x24", also 6' 8"x30"; 4 panel glass outside door, 6' 8"x32". Phone 1829.

1957 ZENITH TV & RADIO

Large selection of good
Used sets in stock
Ben Rhymer Wheel Alignment Shop
421 Albany Ave. Phone 1001

ANTIQUES

ALWAYS HIGHER PRICES for antique furniture, wash stands, marble tables. Phillip's Antique Shop, Phone 4848, 55 North Front St.

BOATS AND ACCESSORIES

A BUY OF YOUR LIFE — Johnson outboards, 25% off. A few left. BEN RHYMER, 421 Albany Ave.

AUTHORIZED EVINRUDE sales & service. 1957 motors now on display. Boats, fibreglass, acc. & Pettit paint. Lou's Boat Basin, Eddyville, Rte. 213. Phone 4670.

10 H.P. SCOTT-ATWATER — ball-a-matic, shift. New July, make offer. Phone 5095 between 5:30 & 7.

25' STEEL HULL—double end cruiser, asking $875. But willing to accept any reasonable offer. Phone 9601-J after 6 p. m.

FRUITS & VEGETABLES

APPLES — McIntosh, Red Delicious, Golden Delicious, Pound Sweets, Greenings, Maccoons, Cortlands, Spies, Rome Beauty. Pears & Sweet Cider, fresh pressed & pasteurized. Montella Fruit Farm, Ulster Park.

APPLES — SWEET CIDER
HONEY & PUMPKINS
LAWN & GARDEN ORNAMENTS
SKYRANCH GARDEN MART
Rt. 9-W, Ulster Park. Phone 52-R-1

DAILY—Fruits & Vegetables. Pumpkins & squash. Maggiore Farms, cor. Sawkill Rd. and Route 28.

LIVE STOCK

10 REGISTERED Guernseys, 4 years old. Bred from high producing stock, very good butter fat. 3 are fresh, others to freshen by Jan. 1st. Frank Agor, New Paltz. Ph. New Paltz 5802.

PETS

BOXER PUPPY—beautiful fawn color, black muzzle. 2½ mos. old. AKC reg. $75. Phone 2802-R-2.

COLLIES, Cocker Spaniels, Standard poodles; all colors and ages. AKC pedigreed, champion breeding. Reasonable prices. Collies, Cocker Spaniels, Poodles and Pekingese at stud. Tokalon Kennels, Rt. 375, West Hurley. Phone Kingston 6132.

COLLIE
Stormy Warning of Ronas Hill
at Stud. Phone 1732-M-2.

DACHSHUND & POMERANIAN puppies, pedigreed. Chapel Hill Kennels, 76 Chapel St. Phone 6207-R.

PUPPIES — 6 weeks, part Boston Terrier. Older dogs. 2 Beagles; Dalmatian; female collie, good for children; German Shepherd; Male cocker, will sell or trade for male collie. Phone 968-M-1. A. Krom, Stony Hollow.

USED FARM MACHINERY

FARMAL F 14 — on 1138 rubber and cultivators, good condition, riding cultivator horse drawn. Ph. High Falls 4197.

POULTRY & SUPPLIES

ALL KINDS of live poultry wanted, paying good prices. Yale, Rosenthal and Basch, 17 Lexington avenue, Poughkeepsie. N. Y. Phone Poughkeepsie 2830 or 873.

LAYING HENS—yearlings, lots of 5 or more 80c a piece. Holland Poultry Farm. Kingston 181-J-2.

PIGEONS & CHICKENS
For eating
Phone Woerner 2492

POULTRY WANTED immediately; top prices paid. Farmers Live Poultry Market. 207 Washington street, Newburgh, N. Y. Phone Newburgh 4640; reverse phone charges.

400 HENS — 5 lb. average. 75c each in lots of 5 or more. Ph. 977-W-2.

PLANTS, BULBS, SHRUBBERY

CHRYSANTHEMUMS—$1 per bunch. Plants $1 each. Tulip bulbs. Anderson's, Broadway and Doris St., Port Ewen.

WELL ROTTED cow manure, $1 per bag delivered. Pfeiffer. Ph. 395-J-1.

TULIP BULBS—3 dozen for $1. Cut flowers, oriental poppies, shrubbery, rose bushes. Phone 3084-J. 114 Spring St.

AUTOMOTIVE

Accessories, Tires, Parts

Anti-Freeze - Snow Tires - Batteries
COMPLETE LINE OF
SHOTGUN SHELLS
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30 MINUTE INSTALLATION
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ONE DAY SERVICE
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KINGSTON'S ONLY FORD DEALER
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Grease & oil change to winter weight
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Change thermostat & add anti-freeze
Tire Recapping All Work Guaranteed
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CARS wanted for junk. Will pay $15 a piece. Phone 1760-R. More paid for trucks & buses.
WE PICK UP

Cars for Junk. Highest Prices Paid
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ALL TYPES of body, fender, & glass work done on premises by experts.
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AUTO RADIATORS REPAIRED
Pick up & delivered
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AUTO RADIATOR SERVICE
Repairing, Recoring & Cleaning
ULSTER COUNTY RADIATOR
49 Hasbrouck Ave. Phone 1807

Expert Ignition & Brakes Repair
24-hr. station, road & towing service
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4 mi. so. of Kingston on 9W

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Rt. 28, Just Over Wash. Ave. Viaduct
Conv. Top & Trim, Body Work
Auto Glass Installed - Free Estimates
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Complete Collision Repairs
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Genuine parts & quality service
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VOLKSWAGEN — the most remarkable of all automobiles. All passenger and commercial models. Laura Losee, authorized dealer for Ulster county, Port Ewen, N. Y. Phone Kingston 1412.

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A '57 NASH-RAMBLER
SEE IT TODAY!
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A GOOD DEAL FOR
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Want A Better Car?
WE
Want Your Business
YOU
Want Guaranteed Value
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1955 Station wagon, very clean
1954 Willys 2 dr. Economical
1953 Chev. hardtop. See this.
1952 Nash. You Can't Miss.
1952 Chev. 2 dr. Nice blue.
1955 Rambler Custom 4-dr. sed.
A real clean sharp car.
THIS WEEK'S SPECIAL
1949 Ford V8 $95
KINGSTON HUDSON, INC.
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ALWAYS the lowest prices, on all makes of cars, try and compare. Fred's Service Station, 58 Ferry St. Phone 5801.

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Ulster County's Largest and Oldest
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BEFORE YOU BUY
THAT USED CAR
CHECK OUR 100% 1 Year Warranty
SEE OUR LISTINGS BELOW
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Cadillac - Oldsmobile
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1952 BUICK, 4-door Super; equipped with radio, heater, dynaflow. Today's sale price $595.
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BUY WITH CONFIDENCE
TESTED GUARANTEED USED CARS
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1952 CHEVROLET Deluxe, 4-door; real clean. Today's price $495.
DENTON CADILLAC OLDS
Albany Ave. Ext. Phone 8662

1930 CHEVY—38,000 orig. mileage. Excellent cond. $175. Can be seen at 337 So. Wall St.

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Used Cars For Sale

1949 CHEV., R & H.....$125
1952 FORD V8, R & H 395
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1951 NASH, BED, R & H..... 195

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1953 CHRYSLER — Windsor, power steering, 32,000 mi., very clean. Phone 1928-M evenings.

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Top Values Low Dollar
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EXCEPTIONALLY GOOD TRANSPORTATION

1956 Ford Fairlane, 4 door, V8, Fordomatic, jet black. Like new.
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1954 Ford MG, new top, overhauled motor, super charger, like new. Fully warranted.
1953 Chevrolet hardtop, blue and white, powerglide. A beauty.
1953 Plymouth Convertible, overdrive. In top shape.
One Ford 1956 left over. Custom hardtop, V8, Fordomatic, Styletone, fully equipped.

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1951 Ford tractor, F8, good rubber. Priced reasonable.
1948 Ford F100 pickup. Low priced.
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AUTHORIZED FORD DEALER
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Also utility trailer
Reasonable. Phone 5964-W

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Dependability

YOU'LL GET THE MAXIMUM IN VALUE AND DEPENDABILITY WHEN YOU BUY A WINTERIZED OK USED CAR.

1955 Chev. 8, Bel Air, 4-D. Sed., Pow. Glide, R&H, 2 Tone, Ivory over Gr'n.
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1955 Chevrolet 6, 210, 2-Dr., Heater, Signals, Beige Over Blue.
1955 Ford Customline V8, 4-Dr., R., H., Signals, Low Mileage.
1954 Ford V8, 2-Dr. Sed., Light Blue Finish, Low Mileage, perfect condition Throughout.
1953 Ford Custom V8, 4-Dr. Sedan, Heater, Signals, Dark Blue Finish.
1953 Chevrolet Bel Air, 2-Dr. Sedan, Powerglide, R & H, 2 Tone Finish, Ivory Over Trophy Blue. A Very Sharp Car.
1953 Ford Cust., V8, Conv. Cp., R&H, Fordomatic, Power Steering, w.w. T.
1953 Chevrolet Deluxe, 2-Dr., Powerglide, Heater, Signals.
1953 Chevrolet Deluxe, 4-Dr., Heater, Signals, 2-Tone Paint.
1953 Ford, 2-Dr., Radio, Heater, w.w. Tires, 2-Tone Green.
1953 Chevrolet Special, 2-Dr. Sedan, 2-Tone Blue, Heater, Signals.
1952 Chevrolet Club Cpe., R&H, Signals, New Seat Covers, Perfect Tires.
1952 Oldsmobile 98, 4-Dr., Radio, Heater, Hydramatic.
1952 Oldsmobile Super 88, 4-Dr., Radio, Heater, Hydramatic.
1951 Packard Mayfair Sport Coupe, Automatic Transmission, R & H, Spotless Condition Throughout.
1951 Chevrolet 4-Dr. Deluxe Sedan, 2-Tone Finish, Power Glide Transmission, R & H, New Seat Covers.

Bev. ANDERSON CHEV. INC.
731 Broadway Phone 7545

HAYES LINCOLN-MERCURY, INC.
Your LINCOLN-MERCURY Dealer
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All Used Cars in Our
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1952 PLYMOUTH—r.&h., 4 door sedan. Call Rosendale 6244 after 5:30 p. m.

1949 PONTIAC — good condition, radio, heater, hydramatic. $125. Terms • Trade. Phone 1760-R.

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A 1952 NASH—2 tone super, r.&h., O.&D. bed, $495. Phone 8370 after 5 p. m.

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'57 MG ENGLISH ROADSTER
All white. Red leather. Wire wheels.
Price $2425
DELAWARE MOTORS
Or James Smith, Bearsville, N. Y.
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1954 OLDSMOBILE 88, 2-door, fully equipped. Real nice. Will trade.
DENTON CADILLAC OLDS
Albany Ave. Ext. Phone 8662

AUTOMOTIVE

Used Cars For Sale

1948 OLDSMOBILE — 6, standard transmission, club coupe, one owner car, very good cond. $195. 36 Abbey St. Ph. 2371.

1956 OLDSMOBILE — super "88" 4 door Holiday sedan, 6,000 mi., equipped with radio, heater, hydramatic, power steering, power brakes, rear speaker, white wall tires, beautiful 2 tone, privately owned. Will trade, take over small monthly payments. Phone 8674.

1952 PONTIAC Catalina, fully equipped. Sharp. Priced to sell—Will trade.
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1953 PONTIAC—one owner, 4 door sedan, 2 tone, very good condition, completely equipped, snow tires, seen at Kimbark Garage, Joys Lane, or call 1736-R.

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Albany Avenue At City Line
Clean Guaranteed Select Cars
Fair Prices And Instant Financing

SENSATIONAL SPECIALS

1953 Plymouth	$450
1951 Studebaker	95
1950 Buick	125
1950 Oldsmobile	125
1950 Nash	65
1948 Dodge	65
1948 Kaiser	48
1947 Studebaker	45
1947 Chevrolet	75

All cars in good mechanical condition
Many others
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ALBANY AVE. GARAGE
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Bargains in late model trucks
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MIDWAY GAS & SERVICE STATION
Wappingers Falls 300

1938 CHEVROLET — dump truck, good condition, good rubber, $295. Phone High Falls 5874.

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FUEL TANK TRUCKS — (6) from 750-2250 gallons. 10 pickups and mechanics trucks. 1950 L204 International 16 foot insulated van truck. 7 dump trucks, 1948 to 1953. 1953 Chevrolet C.O.E. tractor. Tow truck with Holmes crane. Low bed semi-trailer. Tilt trailer, stake trucks. 2000 used truck tires, Quonset buildings. Cushman Scooters.
MIDWAY GAS & SERVICE STATION
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OK TRUCKS

1953 Ford 1-ton pickup
1953 Chevrolet ½-ton stake
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ATTRACTIVE 1953 LIGHT HOUSE 30 ft. trailer, excellent condition. Phone 4224-J.

Beautiful 1957 Mobile Homes from $1995. Used $895 up. Small down pyt. 7 yrs. to pay. Blakeney Trailer Homes., Rt. 32, Cornwall 3-6100.

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SEE BECKERS MOBILE HOMES
for 23 years best known
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Albany Ave. Ext., Kingston
Phone Kingston 6074

FOR THE BEST BUYS in the Hudson Valley, come in and see our trailers. Fiore Mobile Homes. 2 miles south of bridge circle. 9W, Highland, N. Y.

42' HOUSE TRAILER—can arrange financing. Phone 9476.

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TRAILER SPACE—for rent, with patio. Stickle's Motel & Trailer park. Junctions 209 & 9W.

Trailer Space—water, sewer, electric. Mattie Every, Flatbush Rd. Box 176F, Rte. 32 north. Phone 6273.

EMPLOYMENT

NOTICE TO JOB APPLICANTS
The Kingston Daily Freeman does not knowingly accept Help Wanted Advertisements from firms covered by the Federal Wage and Hour Law if they offer less than the legal minimum wage. Under the Federal Wage and Hour Law firms engaged in interstate commerce or in the production of goods for commerce, must now pay at least $1 an hour and time and one-half for work over 40 hours in any one week. If you are offered less by covered firms or if you have questions concerning the activities of the 10 Bureaus of the U. S. Labor Dept. now serving you, write, call or visit U. S. Department of Labor at 340 Ninth Ave., New York City; telephone LAckawanna 4-9400.

Help Wanted Female

AMBITIOUS LADIES needed to sell our National Brand Toys and Gifts through Home Demonstrations. Car necessary. Write or call collect for free catalog. The House of Plastics, Inc., Avon, Conn. Tel. Farmington Orchard 7-1694.

COUNTER GIRL—Mike's Diner, Barclay Heights, Saugerties.

EXPERIENCED TYPIST — Write Box 44, Downtown Freeman.

QUICKIES *By Ken Reynolds*

"What a smash-up! But when you get out of the hospital you'll find a better used car in The Freeman Want Ads!"

EMPLOYMENT

Help Wanted Female

GIRL—for general office work. 40 hr. week. Steady position. Interesting work. Write Box EE, Uptown Freeman.

MIDDLE AGED woman who needs a home. To live with and keep house for a woman living alone. Write Box 19, Downtown Freeman.

NURSES — We, an expanding 224 bed non-sectarian general hospital, J.C.A.H. approved with Temporary N.L.N. Accredited School of Nursing located near Stewart Field Air Base and West Point, one hour from New York City and half hour from resort areas have the following to offer you: Openings at all levels with differentials for evening and night duty, bonus for O.R. call; 40 hour week, social security, cumulative sick leave, half Blue Cross premiums paid by hospital, 7 paid holidays; low cost cafeteria, regular merited increments, educational subsidies, social and advancement opportunities, excellent personnel policies, in-service education, health program, friendly, cooperative working relations and conditions: air conditioned O.R. and recovery room; democratic philosophy and constant improvements in physical plant, equipment, personnel policies and nursing care.

We are interested in you. Contact Director of Nursing, St. Luke's Hospital, Newburgh, N. Y.

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Experienced
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• PLEASANT WORKING CONDITIONS
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Apply in Person
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Experienced on dresses. Steady work. Arlene Dress Co., 86 Broadway.

O.R. SUPERVISOR INSTRUCTOR—Instrument Nurses. Immediate opening in air-conditioned 4 room O.R. Suite. Expanding 224 bed J.C.A.H. approved general hospital. School of Nursing State approved and Temporary N.L.N. accredited. Excellent personnel policies. Contact Director of Nursing, St. Luke's Hospital, Newburgh, N. Y.

POSITION OPEN—telephone switchboard operator-clerk. Five day week. Good starting salary. Opportunity for advancement. Apply Box M, Uptown Freeman.

SHIRT PRESSERS
S. & W. Washerette, 526 Broadway
Phone 7028

WAITRESS—Steady position. Michael's Restaurant, 51 N. Front St.

WOMEN — wanted for stock room work. Permanent positions. Barclay Knitwear, Cornell & Ten-Broeck.

WOMAN—to care for invalid man. Light housework, cooking. Sleep in. Call at Trailer, 131 Lincoln street between 9 a. m. and 1 p. m.

Help Wanted—Male

AUTO BODY MAN — for 1st class shop, top wages plus many additional benefits. See Mr. Hal Zell, Kingston Buick Co., 10 Main St.

AUTOMOBILE SALESMAN — to sell America's most Economical car. We guarantee you to make more when you sell for us. An opportunity you can't afford to miss. See Mr. Fatum.
KINGSTON HUDSON, INC.
124 No. Front St. Phone 5505

BAKER OR BAKER'S HELPER — Apply Ketterer's Bakery, 584 Broadway.

BOYS — BOYS — BOYS
Morning and afternoon hopping from truck delivering papers. Phone 3700 or 3239.

$20.00 daily. Sell Luminous Door Plates. Write Reeves, Dept. #203 Attleboro, Mass. Free samples.

EXPERIENCED body & fender mechanics. Apply in person. Doc Smith's Garage, 258 Clinton Ave.

EXPERIENCED TRUCK DRIVER — Colonial Carriers, 62 TenBroeck Ave., Kingston.

IF YOU ARE NOT SATISFIED with present employment and not making between $90 and $100 per week or better, write Box 3, Downtown Freeman for details.

MAN—for part time work. Must like animals. Phone 5377 for appointment.

MAN—wanted for delivery and work in store, also man with some knowledge of fruits and vegetables. Apply Mehm's Market, 350 Broadway.

MEN—wanted for stock room work. Permanent positions. Barclay Knitwear, Cornell & TenBroeck.

NATIONAL CONCERN—largest in its field is looking for one man who wants to get ahead in the world for himself and family. Qualifications are: married, and have at least 1 child, must have good credit rating, and must be willing to work, after the dinner hour when necessary. Apply 621 Broadway, 9 a. m. to 5:30 p. m.

PART TIME WORK—man with car for light delivery. $15 to $20 for distribution of books. $10 Friday evenings and Saturdays. Call Highland 6006 or write Box 77, Highland, N. Y.

PORTER—for cleaning. Apply Housekeeper. Kingston Hospital.

ROUTE MAN—established route. No investment in merchandise. Free life insurance. Social security benefits. Phone 493-M-1 after 6 p. m.

SALES REPRESENTATIVES

A large New York concern has recently opened offices in the Mid-Hudson valley. Has openings for three (3) men to represent them with a service which is a vital necessity. Must be neat, personable, and willing to work.

$410 M'THLY GUARANTEE TO START
FOR PERSONAL INTERVIEW
PH. WEEKDAYS 10 am-4 pm
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Ask for MR. MAHER

TOP EARNINGS
National organization offers you the opportunity of earning high commissions and bonuses paid daily. Experience contacting business and professional men desirable but not essential. Age no handicap. Must have car. For further details write Manager, Security Credit, Security Bldg., Mentor, Ohio.

Help Wanted—Male or Female

DESIGNERS—draftsmen, mechanical, electrical. High rates. Graphic Techniques, Dederick St., Kingston. Phone 5178.

JOB OPPORTUNITIES
FOR MEN & WOMEN
Full Employe Benefits
F. JACOBSON & SONS, INC.
Smith Ave. and Cornell St.

X-RAY TECHNICIAN — part time. Ulster County TB Hospital.

EMPLOYMENT

Help Wanted—Male & Female

OPERATORS—men and women, earn $60 to $80 per week; high base pay; high piece work earnings; 48 hour week; time and half over 40 hours. Apply 78 Livingston St., Saugerties, N. Y.

Situation Wanted—Male

CARPENTER—new and repair work. Build or alteration jobs, reasonable. Ph. 3284-W.

RETIRED — comprehensive business and sales experience, desire part time position. Write Box 7, Downtown Freeman.

REAL ESTATE FOR SALE

A BEAUTY

Year old 3-bedroom Ranch House, with breezeway and garage. Located on a large plot of ground, in a fine residential section of city. It features spacious rooms, full basement, hot water heat, plaster walls, at a low price of $17,900.
WILLIAM ENGELEN
68 Main St. Phone 6265 - 7596

A BRAND NEW

Custom Built Rancher with 3 bedrooms, knotty pine kitchen, huge living room with dining area, ceramic tiled bath, h.w. baseboard heat, garage, scenic view, Hurley area. $14,900, best terms.
C. EDWARD O'CONNOR
241 Wall St. Ph. 9464, evenings 5254

ACREAGE
Several properties suitable for development, apartments, institutions or schools.
HENRY NEHER
Port Ewen Phone 5336

$9,000—3½ acres, 6 rm. hse, bath, heat, sun porch, 2 car gar. Mae Brodhead. Ph. 7182.

A GOOD LIST

UPTO

REAL ESTATE FOR SALE

OCCUPANCY

34 ft. ranch, plaster walls, attached 2-car garage, ½ acre, oil hot water baseboard heat, cedar closets, 1½ baths, all electric kitchen, $17,290.

MODEL OPEN
2 p. m. to 7 p. m.

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Hurley Ridge Estates
Rte. 375 Phone 1227-J-1
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RANCH TYPE HOUSE—brand new, 4 rooms & bath, automatic heat, built-in kitchen cabinets, hardwood floors, real wood finish, fully landscaped. Very reas. Phone 773-M-1.

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Spacious Homes with every wanted feature on large wooded and landscaped plots in a beautiful setting on the former Ogden Mills Estate.

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WITH EXPANSION ATTIC
(Plumbing, wiring, heat to 2nd fl. for easy future expansion).
$13,500
As little as
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Split Level
7 ROOMS — 1½ BATHS
FINISHED PLAYROOM
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ROUTE 9-G, 6 MILES SOUTH OF KINGSTON BRIDGE

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Now completing a DELUXE split level, in best residential area, just over the city line. 1700 sq. ft. of floor area, 3 large bedrooms, 2 tile baths, huge living room with dining area, large modern cabinet kitchen, with linette, built in electric stove, oven nd dish washer, 2-car garage, aundry room, large cellar and space or play room, mahogany entrance all and other features of a fine ome. If quality is your desire, we nvite your inspection at this time. home for sale in QUALITY HOME RICE RANGE.

JOHN A. COLE, INC.
0 Crown Street Phone 2589

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miles out; good 7-room house, 4 edrooms, newly decorated inside, me improvements; $5,000. Write ox NP, Uptown Freeman.

REAL ESTATE

ll branches, large catalogue. Repesenting Builders and Developers.
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ANCH TYPE HOME—beautiful city location, 3 bedrooms, completely landscaped. Write for an appointment to Box RTH, Uptown Freeman.

-ROOM BUNGALOW—bath, $2,000 down, to take over 4% GI mortgage of $36 per month, ideal for couple, Connelly Heights. Phone 1507-J.

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years old, 3 bedrooms, gas heat, attached garage, outside barbecue & atio.

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GREEN ST. RESIDENCE

nspect this 6-room house and make s your best offer, has every improvement, garage and hobby shop, deal retirement. This you can afford.

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ROOMS & BATH—hardwood floors, convenient to everything, excellent condition & spotless. 226 Greenkill Ave.

Rosendale, on James St., nr. Rte. 32, ew modern 5-rm. & bath bungalow, w. ht., oil burn., hdwd. fls., finished ellar, 2-car gar., lge. plot, $14,900. Cottekill, on highway, two story six oom house, all impts., bath, chicken oop, two acres land, best view, reduced to $5,900 for quick sale. Rosendale Heights, hilltop on Rt. 32, -rm. bung. & bath, cellar, fully furnished, 2 ac. land, $5000. $1,500 cash.

JOHN DELLAY, OWNER
Rosendale, N. Y. Tel. 3711

4½ ROOM HOUSE
Located 137 Millers Lane.
Phone 8896. Don't call between 1 & 7

OOSEVELT PARK—brick veneer, 2 bedrooms on city bus line, good location. Phone 5137-J.

HINEBECK — Historic Colonial on Hudson River. Part stone, fireplace, old features restored, all improvements 10 rooms, 5 bedrooms, 1½ baths, 1½ acres, small swimming pool 2 car garage, 4 miles from new bridge. $23 000 Phone Trinity 6-3531.

SEVERAL NEW HOMES
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SAUGERTIES—$9,900 6½ rooms & bath, 3 bedrooms, appliances in kitchen, new automatic oil heat & hot water; corner Washington Ave. & Post St., within 2 blocks of schools & shopping center. Owner must move because of job. Phone Saugerties 1337.

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Ranch Homes, 5-6 exceptionally large rooms; beautiful quiet location; private drive; ready for occupancy. 4½ miles from corner Hurley & Washington Aves. on left side of Route 209.

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Rte. 3, Box 105-B, Kingston
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This fine 2-family home with 2 hot water oil furnaces, 2 baths, and FULL POSSESSION. Must be sold quickly. Asking $12,000; make an offer!

7314 5759 6711
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WOODSTOCK
4-bedroom house, approx. 1 acre lot, 2 stories, full cellar, living room 24'x12' with builtin bookcases, dining room with builtin corner cabinet, bath; kitchen including stove, refrigerator, automatic laundramat; oil heat; town water; combination storm sash; TV antenna. Walking distance to village. Price $16,000. Call Woodstock 2728.

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4567

THIS IS THE PHONE
Of the house of bargains of personalized real estate service.
$200 DOWN
$60 MONTHLY
You may instantly move into this 6-room house, all improved except central heat; large plot; very handy, few minutes out. Full price only $4,250.
ONLY $500 CASH
Substantial dwelling business property; Allaben; needs some repairs; has water, elec. Full price only $2100
N. B. GROSS 2 John Ph. 4567

THIS IS NO trick but a real treat. 6 rooms, exceptional value. Phone 2316-M for details.

STOP ! LOOK ! LISTEN ! AND GET-A-GOING

Country home for large family, big parcel of land, new heater. Can be used as an income property. Priced right, must be sold, only $3000 down necessary.
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Port Ewen Phone 143 or 2066-R

4567

The phone number for personalized service in every branch of real estate including the placing of second mortgages. Owner transferred must sacrifice 3-bedroom new house in Stone Ridge; large living room; full cellar; 1 acre landscaped plot; storm and screen doors and windows; breezeway; best construction; $19,000.

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BEARSVILLE ROAD

New Models of the ALL ELECTRIC
NATIONAL HOMES
Fully Equipped by
GENERAL ELECTRIC CO.
$9,600 to $11,800

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ANOTHER OF AMERICA'S GREATEST HOME VALUES

Lowest Prices
Lowest Monthly payments
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A Small Group of Luxurious All Electric
NATIONAL HOMES
On Lots ½ Acre to 1 Acre
$14,000 And Up
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TILLSON VILLAGE

2 flat house, 10 rooms, 2-car garage, large lot, $12,000.

ROSENDALE ROAD

4-room modern bungalow, 3 years old, $12,500.

NEAR NEW PALTZ

Small 3-room bungalow, 1-car garage, $2,900.

C. C. LITTLE
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WOODSTOCK TOWNSHIP

Need peace of mind and relaxation? This is the place. 28 acres, 10 cleared. Secluded; easily accessible; lovely setting; shrubberies; pine grove; charming summer home; 6 rooms & bath; fireplace; large porch; furnished; tennis court; barbecue; swimming; fishing; hunting; Mt. view. Price $13,900. Term.
FREDERICK DIRCKS—REALTOR
Woodstock Tel. 2897

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ALBANY AVE. SECTION — 6 rm. house, including modern kitchen & bath. Refrigerator & stove. $100 month. (Will furnish for extra). Phone 5544.

Land and Acreage for Sale

BEAUTIFUL CITY LOT — 120x350, overlooking the Hudson River. Ph. 1818.

BUILDER'S OPPORTUNITY
Corner lot, 175x55. Orchard at West Chestnut. Sewer in. Phone 1544.

REAL ESTATE WANTED

A BACK, ABLE, ALERT, ANXIOUS LIST OF BUYERS
Let us list and sell your property.
JOSEPH F. SACCOMAN
276 Fair street Phone 5400

A BUYER is waiting for your property. List it now.
WILLIAM ENGELEN
68 Main St. Phone 6265

A BACKGROUND of active experience to sell your property.
5759
HAROLD W. O'CONNOR

ACTIVITY — INTEGRITY
TO BUY — OR SELL
CALL ADELE ROYAEL
RT. 9-W. PHONE 4900

ANXIOUS TO—
SELL BUY BUILD
KINGSTON BLDG. & REALTY
6 Merritt Ave. Phone 2996, 1060

ASK FRANK HYATT
TO SELL IT OR BUY IT
Established Over 35 Years
48 Main St. Phones 3070 - 2765

ASSURE BEST RESULTS
List with us now
KROM & CANAVAN
73 Albany Ave. Phone 5935

BUYERS WAITING—LIST NOW
City, Country, Business Properties
Wm. S. Jackson Irene E. Bohnke
277 Fair St. Phone 3180 - 5616

CASH BUYERS waiting for your PROPERTY. Let me sell it for you. LIST NOW. SAM N. MANN, 79 Washington Ave. Phone 2426 - 3140.

CITY — COUNTRY
BUY — SELL — LIST
MOORE
IS THE MAN
JUST CALL 3062

HOMES — FARMS — BUSINESS PROPERTIES
Central Broadway Realty
621 Broadway. Phone 7359

HOME SPECIALIST — COMPLETE SERVICE
Vincent H. Bradley Real Estate
519 Broadway. Phones 7243 - 4966-R

NEED HELP?
C. Edward O'Connor
9464 - 5254

PURCHASERS for
Property Priced Properly
JAMES D. DEVINE
164 Washington Ave. Phone 4092

REAL RESULTS
Morris & Citroen
277 Fair St. 2nd fl. Ph. 1343, nites 10

REAL ESTATE WANTED

IF
Your home is not becoming to you, it should be coming to us for sale.
DEWEY LOGAN
68 Garden St. Phone 1544

SENSIBLY PRICED
Farms - Business - City Property
N. B. GROSS
2 John Ph. 4567

TRY YOUR LUCK WITH SHATEMUCK. PH. 1996

WANTED

DRIVING—driver for hire to drive your car hour, day, trip. Ph. 8198.

JUNK of all kinds, paper, rags, metal and iron. Also cars for junk. Art Buck's Junk Yard, Eddyville, N. Y. Phone 5611 or 1692. Will be open 12:30 to 4:30 daily.

OUT OF TOWN BUYER wants antique jewelry, china, glass, lamps, clocks, rugs, anything old. Write Box 49, Downtown Freeman.

WASHING & IRONING — curtains, bedspreads, etc.; reasonable. Phone 9347.

WANTED TO BUY

A BETTER PRICE PAID FOR MARBLE TOP TABLES ANTIQUES
Bric-a-brac, Contents of homes
N. Levine, 41 N. Front St. Ph. 288

Antique Furniture—china, glass, paintings, objects of art, jewelry, guns, silver, old records, rugs, bricabrac. Honest prices & fair dealing. Expert appraisals. Gene Brossard. Tel. 2172.

WANTED TO RENT

WANTED—meeting room with facilities to accommodate 25 persons. Will rent on yearly basis. Write Box 9, Downtown Freeman.

APARTMENTS TO LET

APARTMENT—3 rooms, heat, gas & electric furnished. Inquire at Real Estate office, John Spinnenweber, Pt. Ewen.

AVAILABLE — for immediate occupancy, new garden apartment, 3½ rooms, Hillcrest Gardens. Phone 2345.

COTTAGE—furnished; young couple or 2 students; 3 room apt., furnished or unfurnished; excellent location. 9 mi. Kingston. Exc. shopping. Sam May. Ph. High Falls 2152.

1 MILE outside Kingston on 9W, new apt., 3 rooms & bath, hot water, heat & electricity furnished. Adults, $75. Phone 6251 or 296

NEWLY RENOVATED—3 rooms & bath. Heat & hot water. Adults. $95 mo. Call at 214 Downs St.

3 ROOM MODERN—heat, hot water. Uptown. Phone 5621-J.

4-ROOM APARTMENT — $90 per month. Phone 8354 after 6 p. m. Saturday.

5 ROOM APT.—in new house, with all improvements, hot water, year round, heat furnished, garage. Ph. 8067.

4 ROOMS & BATH—elderly or middleage couple preferred. Phone 3523-R after 6 p. m.

4 ROOMS & BATH—heat & hot water furnished. In Port Ewen. Phone 4925-W.

4 ROOM APARTMENT—separate entrance. All improvements. Ready for Nov. 15. See any time. Rosendale 6241.

4 ROOMS & BATH—cold water flat. Combination oil stove. Phone 8587.

3 ROOM APPT. — furn. or unfurn. Heat, garage, screened porch. Ulster Landing Road, RFD 3, Box 290.

5 ROOM APT.
All improvements
Phone 8494

5 ROOMS—heat and hot water, $65 per month. 24 Abeel St. Phone 1615-R-1.

5 ROOMS in private dwelling in Ashokan; all improvements. Catherine Carlson, Shokan 2496.

5 ROOMS
PHONE 7725

1 ROOM—plus modern kitchenette & bath. Refrigerator, stove, heat & hot water. 1 block uptown business. $50. (Will furnish for extra). Phone 5544.

3 ROOMS & BATH—newly decorated, garage available. Phone 696-M-1. In Ulster Park.

FURNISHED APARTMENTS

ATTRACTIVE 1 ROOM — & private bathroom with shower in cottage with elec. stove & refrigerator unit. Completely furnished. Ph. 589.

2 AND 3 ROOMS MODERN
Furnished apartment
Phone Saugerties 368

2 FURN. RMS., all utilities, full kitchen, pvt. bath & entrance, $15 wkly. In Ashokan. Kings. 1092-M-1

4 LARGE ROOMS—and tile bath, garage, all improvements. $100 per month. Rent for 6 months. Phone 4381 Rosendale.

3 ROOM APARTMENT
Phone 2608-R-1

3 ROOMS AND BATH
ADULTS
PHONE 8809

3 ROOMS & BATH—uptown location. Telephone 1245 before 5 p. m.

3 ROOM APT.—all improvements. $60 mo. In Olive Bridge. Shokan 2497 after 6 p. m.

6 ROOMS & BATH—with or without furniture. Rosendale 5137.

SPRUCE ST. — 4 room furn. ap't. auto. heat and hot water, all utilities furn. Very reasonable. Inquire 200 Tremper Ave.

FURNISHED ROOMS

CABIN with private bath
Near IBM
Phone 95-W-2

FURN. ROOMS — available for couples, also single rooms. Private showers. Phone 6410.

FURNISHED ROOMS—single & double, weekly or monthly, parking, showers, sitting room, front & back porch. 440 Washington Ave. Phone 8010.

2 FURNISHED ROOMS—each with private bath & entrance. Phone High Falls 2140.

LARGE FRONT ROOMS—clean, next to bath. Uptown. Gentlemen. Ph. 4351-M.

LARGE ROOM
Furnished
Phone 6619-W or 1360

NEW—beautifully furnished rooms. 4 singles, 8 miles from IBM. Phone Rosendale 3171.

NICELY FURNISHED ROOMS—with or without kitchen service. Reasonable rent. Ph. Shokan 2033.

NICELY FURNISHED ROOM—all improvements, shower, near bus line, garage if desired. IBM men apply only. Phone 1477.

NICELY FURNISHED—double rooms with twin beds, shower, near IBM. Phone 4497. On Rt. 9-W. Airport Inn.

NEWLY FURNISHED—double room with twin beds & shower. 7 min. to IBM. Phone 938-W-2.

ONE SLEEPING ROOM — lady preferred. Phone 696-M-1.

ONE NICE furn. room near bath. Gentleman preferred. Phone 2222.

PLEASANT ROOMS—singles & doubles. Shower. 42 Abeel St. Phone 4396.

RENOVATED ROOMS—by day, week or month. Hotel Eichler, Railroad Ave.

ROOMS—$12-$15 per week in good home, use of kitchen, 16 miles to IBM. Ph. Palenville 9285.

SINGLE SLEEPING ROOM — $7.50 weekly, gentlemen preferred. 37 Elmendorf St. Phone 4051.

SINGLE ROOM—uptown location, $8 week. Phone 8447 after 5 p. m.

2 SINGLE SLEEPING ROOMS—with shower & bath. Gentlemen preferred. Phone 1389.

SINGLE & DOUBLE ROOMS—$15-$10 weekly. Heated, hot and cold water, service. Use of all facilities. Worth your inspection. Caruso, Mt. Pleasant, N. Y. Phoenicia 7975.

3 SINGLE ROOMS—modern furniture, bath & shower. 12 Brown Ave. Ph. 3126-M.

VERY NICE FURNISHED ROOM—near shower. Large clothes closet. For gentleman. 124 Washington Ave. Phone 2543.

ROOM & BOARD

REFINED ADULTS—middleaged and elderly, beautiful residential boarding home, excellent home cooked meals. Phone 4084.

TO LET

LOFT — available. Millard Building. 10,000 sq. ft., electric elevator. Call 1739.

HOUSES TO LET

FURNISHED 5 ROOM HOME—newly decorated. Best residential section uptown. No children or pets. References required. Available Dec. to June 1st. Write Box CX, Uptown Freeman.

FOUR ROOM HOUSE—2 large bedrooms, kitchen, bath, living room with fireplace and glass partition wall, overlooking small lake. Oil heat, hot water. Garage. Furnished or unfurnished. Adults. Tel. Rosendale 4471.

IN WOODSTOCK VILLAGE — comfortably furnished 5 room house, 2½ bedrooms, 1½ baths, $100 month. Phone Woodstock 2970.

NEW HOUSE—3 large rooms & bath, paved road, 1 block from bus on Rte. 28. Couple only. Shokan 2155.

NEWLY DECORATED—6 room house, all improvements. Also 2 room bungalow, furnished, gas heat. L. F. Ruckert. Phone Shokan 4814.

NEW BUNGALOW—3 bedrooms. Ph. 8415.

4 ROOMS—furnished, heat, improvements, private, near Saugerties, $60 per month. Ph. Saugerties 1165.

7 ROOMS—all improvements, centrally located. Suitable for professional, business or residence. Phone 3326 between 4 & 7 p. m.

3 ROOM FURNISHED HOUSE—bath, newly insulated, near IBM. Inquire Brucewood Farm, Rt. 3, Box 138 between High Woods and Mt. Marion. Ph. Saugerties 557-M.

7-ROOM HOUSE — furnished, hot water heat, Rt. 28, near Drive-In theatre; $140 per month. Ph. 6178

3 & 5 ROOMS—modern improvements, furnished or unfurnished. Also furnished rooms. 4 mi. so. of Kingston. Sunny Brook Bungalows, Rte. 213 between St. Remy & Rifton. Phone 9-M-2 after 4 p. m.

WOODSTOCK—2 bedroom home, all conveniences; fireplace; country setting, $90 per month. Others. Call Woodstock 2897.

GARAGES TO LET

2 CAR GARAGE—and single car garage available on East Union St. Phone 2431.

OFFICES & STORES TO LET

LARGE DELUXE PROFESSIONAL suite of offices for physician, dentist, etc. Inquire Franklin ap't. Phone 4663

LARGE PROFESSIONAL SUITE — and residence suitable any profession, beauty shop, or business, located 3 North Front St. Includes parking for clients. See Jansen, 2 John. Ph. 4567.

MODERN CORNER STORE
26 ft. frontage; heat, H. W. best mid-town location. Phone 6345

OFFICES—2-3 room units. Modern facilities. Alterations to suit tenant. Weisberg Building, 271 Fair St., Phone 152.

BUSINESS SERVICE

A BACKING bathroom. A. Cooper can clean cesspools, septic tanks or lines anywhere night or day service. Phone 8833.

A BACKING cesspool always means trouble. Cesspools and septic tanks expertly cleaned. Ph. 764-R-2

A BETTER JOB—cleaning cess pools and septic tanks. Call your local man. Dependable, price reasonable. Accurate service. Call 7975.

A CESSPOOL AND SEPTIC TANK cleaning. For prompt service.
Phone Trahan 5141

AIR COMPRESSOR — drilling and blasting. Bulldozer, cellar excavation, shale road work. Black topping, concrete work. 31 Crown St. Ph. 4740.

ALL KINDS OF MASONRY WORK AND REPAIR JOBS
137 Clinton Ave. Phone 9236

All Types carpentry & masonry, remod., new homes, garages, etc. Geo. D. Latorre. Ph. 6322 or Wdstk 9195

ALTERATIONS — carpentry, roofing, siding, ceilings. Joe Bruno. Phone 4612.

BULLDOZING-DRILLING
& BLASTING
Rigging & Heavy Trucking
Don's Service Phone 4756

CALL 8138—for general repairing, painting, plastering, masonry. General cleaning, cellars, attics, professional & business offices & homes.

CARPENTRY—can build new homes or repair old ones. Ph. 99-R-2 or 99-J-1 after 5:30. Joseph Sabo.

CARPENTRY—can build new houses or modernize old ones. Cabinet work. S. Tompkins, phone 649.

CARPET & RUG CLEANING—expert carpet laying and binding. Robert Morehouse, Lake Katrine, Ph. 3373.

CEILINGS INSTALLED—Metal, tile, block or panel. Clyde Du Bois. Phone 691.

GENERAL MASONRY AND REPAIRS—brick, stone, concrete work of all kinds. Covered by insurance. Call Joe Colao. 8954.

HENRY A. OLSON, INC. — Roofing, Sheet Metal Work. Port Ewen Ph. 840 Kingston P.O. Box 112

JAY BEE RENTAL SERVICE—Avis System, licensed U-Drive cars, station wagons and trucks. Trucks—½-ton pickups, thru 2½-ton vans. Available by hour, day or week. Rate cards sent upon request. HDeadquarters, Port Ewen Garage, Broadway & Main St., Port Ewen. Phone Kingston 3266 or 4102.

MOVERS—VAN ETTEN & HOGAN—local and long distance; packing storage. 150 Wall St. Phone 661.

MOVING VAN—going to New York and vicinity Nov. 2, 6, 8, & 13, wants load or part either way. Kingston Transfer, Inc. Phone 910.

MOVING—local, long distance moving, packing, crating. Smith Ave. Storage Warehouse Moving Co. Ph. 4070. 149 Clinton Ave. Kingston. (Agent-United Van Lines Inc.)

MOVING • TRUCKING
Local and Distance
STAERKER PHONE 3059

MOVING VAN—weekly trips to New York, N. J., Conn. & Mass. Want load or part load either way; local moving, packing and storage. Prompt, safe, dependable. White Star Transfer Co. Phone 164. Agent for American Red Ball, Inc. Nation Wide Service.

PAINTING-PAPERING — Robert N. Purvis, 34 Grandview Ave. Phone 3407.

SCHAEFER BROTHERS — painting, paperhanging & decorating. All work guaranteed. RD #1, Saug. Palenville 3874, or Highland 7-1761.

SPRAY REFINISHING
Kitchen Cab., Refrig., Furniture
Interiors & Exteriors
Also multi-colored paint hues
McCabe Phone 5232

TREE SERVICE
Reasonable rates; free estimates
Phone 5964-W

WASHER REPAIR—We service all make washing machines. Van's Washer Sales & Service, Albany Ave. Ext., Kingston, N. Y., Ph. 4344.

WELDER FOR HIRE — by day or week. Portable electric & acetylene. Shuman's, Ulster Park. Ph. 6383.

FINANCIAL

Business Opportunities

ALL TYPES OF BUSINESS PROPERTIES & OPPORTUNITIES
FRANK PESCIA
451 Washington Av Ph 6876, 896-M2-

GASOLINE—Off-brand gas franchises, with increased vol. & profits, avail. to limited number of qualified independent dlrs. Dealers must own their locations and have sufficient storage or install necessary storage for transport del. Below tank wagon prices for vol. locations. Give approx. gallonage. Write OFF-BRAND GAS DEVELOPERS, 430 Front St., Binghamton, N. Y.

Business Opportunities

AUTOMATIC CAR WASH & BODY SHOP—excellent location in heart of village. Small investment required. Favorable lease can be arranged. Write or call E. J. Shildkret, Ellenville 1448 evenings.

EXCLUSIVE DISTRIBUTOR
CAKES & PIES
WHOLESALE

(HOTELS, RESTAURANTS, DINERS, LUNCHEONS)

KINGSTON AREA

(Possibly other Mid-Hudson Towns)

Small Capital needed

Write Box D, Uptown Freeman

SPECIALISTS
IN
BUSINESS PROPERTIES
Morris & Citroen
277 Fair St. Phones 1343 - 10

Banks

OPEN AN
INSTALLMENT
ACCOUNT

Save regularly
every month

3½% Current Dividend
Compounded Quarterly

"Money is but a Tool,
Our Product is Service"

HOME-SEEKERS'
SAVINGS
AND LOAN ASSOCIATION

10 Broadway and at
628 Broadway, Kingston

Real Estate Mortgages

MORTGAGE MONEY AVAILABLE
SECOND MORTGAGES
GROSS REALTY 2 JOHN, Ph. 4567

LOST

BEAGLE—female, brown & white, vicinity Horse End Road and Rocco Farm, New Paltz. Lic. #672140. Answers to name Queenie. Please return to John Markle, Bloomington, or phone collect Kingston 634-W-2.

LADY'S WATCH — blue enamel, plaid strap. Reward. Phone 6772.

LOST: The extra money that could have been yours in dividends had you taken advantage of Home-Seekers' Savings and Loan Association's Installment Account program. Home-Seekers' Savings at 10 and 628 Broadway, Kingston.

MINK SCARF—3 skins, lost about 2 months ago. If anyone has found it, please call 4387 or 2783.

SPANIEL—3 mo. old; male; black with white spot on chest; ans. to the name of Cuddles; in vicinity of Foxhall Ave. & E. Chester St. Ph. 494-J.

LEGAL NOTICE

NOTICE OF HEARING UPON PRELIMINARY BUDGET

NOTICE IS HEREBY GIVEN that the preliminary budget of the Town of Ulster for the fiscal year beginning January 1st, 1957, has been completed and filed in the Office of the Town Clerk at the Town Office where it is available for inspection by any interested person at all reasonable hours.

Further notice is hereby given that the Town Board of the Town of Ulster will meet and review said preliminary budget and hold a Public Hearing thereon, at the Town Garage at 8 o'clock P. M. on the 7th day of November, 1956, and that at such hearing any person may be heard in favor of or against the preliminary budget as compiled or for or against any item or items therein contained.

Pursuant to Section 113 of the Town Law, the proposed salaries of the following town officers are hereby specified as follows:

Supervisor	$4,000.00
Justice of the Peace (Total Salaries)	5,500.00
Councilman (Total Salaries)	2,400.00
Town Clerk	3,640.00
Town Superintendent	4,200.00
Town Assessors (Total Salaries)	5,000.00
Collector of Taxes	1,800.00
Town Attorney	5,000.00

BY ORDER OF THE TOWN BOARD
LAURA K. EVERY
Town Clerk

Dated: October 27, 1956.

FOR SALE
NEW BUNGALOW
4½ large rooms, stove, refrigerator, all modern improvements. Inquire 80 Andrew St.

CONCRETE and CHIMNEY
BLOCKS
R. W. FELTEN
17 Hinsdale St. Phone 2820

DRAFTSMEN
MECHANICAL
ELECTRICAL
TECHNICAL
ILLUSTRATORS
EXPERIENCED
WRITE OR CALL
KINGSTON 5178
Graphic Techniques
INC.
MILLARD BUILDING
DEDERICK ST.
KINGSTON, N. Y.

Hurley Democrats Hear Plunket

The Hurley Democratic Club held its pre-election meeting Wednesday in Hurley.

Joseph Carroll, club president, opened the meeting and then introduced the principal speaker for the evening, Attorney Thomas J. Plunket, Democratic candidate for the office of surrogate.

President Carroll gave a background picture of Mr. Plunkets wide legal experience over the past 23 years in all courts of the State of New York and in the Federal courts and said that he was fully qualified to hold the office of Surrogate.

Mr. Plunket, in his address, discussed the various practices and procedures on Surrogate matters and said he considered it an honor to have been selected by the Democratic party to seek this office and that when elected would devote all of his time and effort to the filling of such office. Mr. Plunket, in conclusion, stressed the importance of the entire Democratic ticket in the coming election and instructed the members to support the Democratic ticket from top to bottom to insure a Democratic victory at the polls.

The constitution and by-laws for the club were read for the first time and the meeting ended with a general discussion on such club matters as enrollment, voting and various current town problems.

LEGAL NOTICES

October 30, 1956
ADVERTISEMENT

The Board of Trustees, Common Consolidated District #1 of the Town of Esopus invites bids for work in connection with a school at Port Ewen, Ulster County, New York.

Sealed proposals for: SITE WORK will be received by the Board of Trustees at its office in School #13, Port Ewen, New York, until 8:00 P.M., Nov. 5, 1956, and then at said time and place publicly opened and read aloud.

The plans and contract documents may be examined at the office of the Architect, Rolf C. Dreyer, 85 Market Street, Poughkeepsie, New York, and copies may be obtained from him by deposits of $10.00 or they may be obtained from Mr. Oakley Maynard, Port Ewen, N. Y.

NOTICE TO CREDITORS

Bartolo Liccardo a/k/a John Liccardo Pursuant to order of Surrogate John B. Sterley, notice is hereby given to all persons having claims against Bartolo Liccardo a/k/a John Liccardo, late of the City of Kingston, County of Ulster deceased, to exhibit the same, with the vouchers therefor, to the undersigned at 58 Roosevelt Avenue, Kingston, New York on or before the 15th day of December, 1956

Dated: June 4th, 1956.
BARTOLO LICCARDO, JR.
Executor.

COOK & COOK,
Attorneys for Executor
63 John Street
Kingston, New York.

NOTICE TO BIDDERS

NEW YORK STATE THRUWAY AUTHORITY in accordance with Article 2, Title 9 of the Public Authorities Law.

Separate sealed proposals for the following projects will be received by the New York State Thruway Authority at the office of the General Manager at the Thruway Headquarters Building, Delaware Avenue Plaza, Elsmere, N. Y. (P. O. Box 189, Albany, N. Y.) until 2:30 P. M. Eastern Standard Time, on Tuesday, November 20, 1956, and then opened publicly and read aloud.

1. SPECIFICATION NO. T.A. 220—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Modena Type "B" Gas Station and Restaurant Site, Orange County in accordance with the Specifications and Drawings for this Contract.
2. SPECIFICATION NO. T.A. 221—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Ulster Type "A" Gas Station and Restaurant Site, Ulster County in accordance with the Specifications and Drawings for this Contract.
3. SPECIFICATION NO. T.A. 222—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Malden Type "A" Gas Station and Restaurant Site, Ulster County in accordance with the Specifications and Drawings for this Contract.
4. SPECIFICATION NO. T.A. 223—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, New Baltimore Type "B" Gas Station and Restaurant Site, Greene County in accordance with the Specifications and Drawings for this Contract.
5. SPECIFICATION NO. T.A. 224—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Pattersonville Type "B" Gas Station and Restaurant Site, Montgomery County in accordance with the Specifications and Drawings for this Contract.
6. SPECIFICATION NO. T.A. 225—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Mohawk Type "B" Gas Station and Restaurant Site, Montgomery County in accordance with the Specifications and Drawings for this Contract.
7. SPECIFICATION NO. T.A. 226—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Indian Castle Type "A" Gas Station and Restaurant Site, Herkimer County in accordance with the Specifications and Drawings for this Contract.
8. SPECIFICATION NO. T. A. 227—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Schuyler Type "B" Gas Station and Restaurant Site, Herkimer County in accordance with the Specifications and Drawings for this Contract.
9. SPECIFICATION NO. T.A. 228—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Oneida Type "B" Gas Station and Restaurant Site, Oneida County in accordance with the Specifications and Drawings for this Contract.
10. SPECIFICATION NO. T.A. 229—Construction, Heating and Ventilating, and Electric Work for the New York State Thruway Authority, Additions and Alterations to Snack Bar, Chittenango Type "B" Gas Station and Restaurant Site, Madison County in accordance with the Specifications and Drawings for this Contract.

Each proposal must be made upon the form and submitted in the envelope provided therefor, shall be for all specified work, and shall be accompanied by a draft or certified check payable at sight to the New York State Thruway Authority in the amount of at least 5% of the gross sum bid. If mailed, the envelope shall be addressed to the said General Manager at the post office number above mentioned. Copies of the proposal and accompanying drawings may be examined free of charge and may be obtained at the following offices upon payment of $10.00 for each set, no part of which will be refunded.

Buffalo Division Headquarters
5551 Main Street
Williamsville, N. Y.
Syracuse Division Headquarters
Thompson Road, Box 626
East Syracuse, N. Y.
New York Division Headquarters
96 White Plains Road
Tarrytown, N. Y.
Administrative Headquarters
Delaware Avenue Plaza
Elsmere, N. Y.
Mailing Address: P. O. Box 189
Albany, N. Y.

The New York State Thruway Authority reserves the right to waive any informality in or reject any and all bids.

The Authority's preliminary estimate of cost is $44,000.00.

DATED: 10/18/56
HOLDEN A. EVANS, JR.
General Manger

NOTICE TO BIDDERS

NEW YORK STATE THRUWAY AUTHORITY in accordance with Article 2, Title 9 of the Public Authorities Law.

Sealed bids for Furnishing and Installing Aluminum Reflectorized Traffic Signs and Support Structures on the Catskill and Ontario Sections of the New York State Thruway: Interchange No. 16, Harriman, Rts. 6 & 17; Ramapo and Sloatsburg Service Areas; Interchange No. 19, Kingston, Rt. 28; Interchange No. 50, Buffalo, Rt. 5 to Interchange No. 52, Buffalo, Walden Avenue, inclusive, of the New York State Thruway, Rockland, Orange, Ulster and Erie Counties, in accordance with the Specifications and Drawing for Contract No. TATS 56-43 will be received by the New York State Thruway Authority at the office of the General Manager at the Thruway Headquarters Building, Delaware Avenue Plaza, Elsmere, New York (P. O. Box 189, Albany, New York) until 11:00 a. m. Eastern Standard Time, Wednesday, November 14, 1956, and then opened publicly and read aloud. Bids must be submitted on the Proposal supplied by the New York State Thruway Authority and the envelope containing each bid must be clearly marked on the face thereof to identify the work for which it is submitted. The blank spaces in the proposal must be filled in, and no change shall be made in the phraseology of the proposal. Proposals that carry any omissions, erasures, alterations or additions may be rejected as informal. Each proposal must be accompanied by a draft or certified check payable at sight to the New York State Thruway Authority, in the amount of at least 5% of the gross sum bid. If mailed, the envelope shall be addressed to the said General Manager at the post office number above mentioned. Copies of the proposal and accompanying drawings may be examined free of charge and may be obtained at the following offices upon payment of $10.00 for each set, no part of which will be refunded.

Buffalo Division Headquarters
5551 Main Street
Williamsville, N. Y.
Syracuse Division Headquarters
Thompson Road, Box 626
East Syracuse, N. Y.
New York Division Headquarters
96 White Plains Road
Tarrytown, N. Y.
Administrative Headquarters
Delaware Avenue Plaza
Elsmere, N. Y.
Mailing Address: P. O. Box 189,
Albany, N. Y.

HOLDEN A. EVANS, JR.
General Manager

Dinner to Mark 5th Anniversary Of Palsy Center

A dinner celebrating the fifth anniversary of the Ulster County Cerebral Palsy Center will be held Thursday, Dec. 6 at the Governor Clinton Hotel, it was announced today.

Dr. Henry L. Bibby, president of the CP center, announced that Dr. Glidden Brooks, of New York city, national medical director of Cerebral Palsy, will be the guest speaker.

Dr. Elbert F. MacFadden of this city is dinner chairman. The remainder of the dinner committee will be announced.

The dinner is planned, Dr. Bibby said, to recognize and pay tribute to county residents "whose zeal and devotion has promulgated the work of the Cerebral Palsy center in Ulster county."

Dinner plans were formulated at a meeting of the committee held recently by the board of directors.

Upstate Soldier Killed

Columbus, Ga., Nov. 2 (AP)—A Watervliet, N. Y., soldier stationed at Ft. Benning died yesterday of injuries suffered when his automobile overturned near here. Pvt. Eugene E. Gray, 23, of (207 Second avenue) Watervliet, attached to the 3rd Maintenance Bn., 3rd Division, died of head injuries received when his car overturned Wednesday night. He apparently lost control and swerved off and on the road before overturning, officers said.

Girl, 5, Injured In 2-Car Mishap

A five-year-old girl was injured slightly Thursday afternoon in a two-car collision at Savoy street and Harding avenue.

Susan Gallag

The Weather

FRIDAY, NOVEMBER 2, 1956

Sun rises at 6:29 a. m.; sun sets at 4:49 p. m., E.S.T.
Weather: Cloudy.

The Temperature

The lowest temperature recorded on The Freeman thermometer during the night was 56 degrees. The highest figure recorded up to noon today was 72 degrees.

Weather Forecast

NEW YORK CITY and vicinity: Mostly cloudy today and tonight with some rain this morning and fog and drizzle developing again tonight. Saturday partly cloudy with a few showers likely. Highest temperature today between 65 and 70 and lowest tonight between 55 and 60. Highest temperature Saturday in the 60s.

RAIN PREDICTED

EASTERN New York: Partly cloudy in the north portion with a chance of showers and considerable cloudiness and rain or possibly thundershowers in the south portion today with possibly moderate to heavy rainfall in the extreme southeast. Continued mild with temperature today in the 60s. Scattered showers tonight with the lowest temperature in the 40s in the north and in the 50s in the south. Saturday partly cloudy with moderate temperatures; the highest between 55 and 65.

Temperature Table

Albany, N. Y., Nov. 2 (AP)—(U. S. Weather Bureau)—Temperatures to 7:30 a. m.

	High	Low
Albany	76	59
Binghamton	73	59
Boston	71	55
Buffalo	75	58
Cleveland	67	46
Detroit	70	48
Galveston	76	73
Los Angeles	70	51
Miami	86	70
Minneapolis	60	49
Montreal	61	47
New York	68	62
Philadelphia	70	64
Rochester	74	58
Seattle	44	38
Syracuse	77	60
Washington	68	63

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Increase of 222

ly be ready for occupancy for another two years.

In connection with employing teachers on the basis of the estimate under consideration, Dr. Soper called attention to the importance of taking early steps to obtain top quality teacher personnel. He pointed out the problem the board would confront if it "under-guessed" the number of teachers it would need. If there should be an extra teacher or two under contract it would make possible a more favorable pupil-teacher ratio, he said.

Problems Cited

In his planning estimate Mr. Miller pointed out that if it became necessary to provide for the total increase of 222 students there would be problems of homeroom space, study hall space and classroom space.

"By using the auditorium and library for additional homeroom space, and by fillng some of the present classes to their maximum, we could probably provide for all 222, but there still would be a study hall problem which is quite acute this year with the large numbers that we have in the cafeteria.

"If it were possible for the Michael School to absorb four classes of approximately 30 each, it would help considerably our enrollment problem at the high school level. It would then not be necessary to press the library and auditorium into service for homeroom purposes. Also, it would provide some flexibility in case the increase for next year is more than we estimate at this time.

Both Could Vary

"The above analysis is a projection based on enrollment information which we have of this date, but which could vary come next September.

"On the basis of the estimated increased enrollment, our minimum teacher need for next year would be as follows: One additional shop teacher, one additional homemaking teacher and seven additional regular classroom teachers."

Dr. Soper said "I hate like thunder" to see students using the library as a homeroom. He indicated that this solution should be taken only as a last resort.

He said that School 5 might be relieved somewhat by transferring some pupils from the "edges" of the district to other schools. He pointed out that School 5 has four kindergarten sections which will become three first grade sections in 1957-58. There are at present only two first grade sections in the school.

President Robert Herzog questioned the estimate of 222 students suggested in the plan submitted by Mr. Miller, feeling that the number might be as little as 160.

Beaten egg whites folded into applesauce give a fluffy snowy dessert children usually enjoy.

'Heard' Dulles Is to Resign

Dayton, Ohio., Nov. 2 (AP)—U. S. Sen. George H. Bender (R-Ohio) told newsmen here last night that he had "heard" that Secretary of State John Foster Dulles intends to resign.

A spokesman with Dulles at the United Nations General Assembly session in New York denied the report.

Bender emphasized that he had heard the reports from "responsible sources" for some time and that they were not connected with the Israel-Egypt crisis or any recent development in world affairs.

"I have heard the reports for more than a year," the senator said. "Dulles has been wanting to resign for a long time. He is a man in his 70s and a dedicated man. I could understand why he should want to resign for reasons other than any world problems."

Eden Holds . . .

nied an opportunity of considering this grave matter, what answer have we got for the people outside?"

Answering a question in the House of Commons, Eden described the UN resolution as a recommendation and said, "I desire to study both the terms of the recommendation and the speeches before I add any other word to my statement."

Eden was under mounting pressure to find a face-saving way out of the hostilities against Egypt.

The opposition Labor party, under its leader Hugh Gaitskell, returned to the attack on Eden's policy in the Middle East as soon as the House of Commons reconvened today.

Laborites objected that Britain was flouting the United Nations.

Eden was asked if he would halt all further armed attacks on Egypt until he had considered the UN resolution. Opposition members jeered when he answered "I can give no such undertaking."

Reds Promise Reforms

Hong Kong, Nov. 2 (AP)—North Viet Nam's Communist rulers, apparently fearful of repercussions from the anti-Red revolts in eastern Europe, today promised a sweeping liberalization of their regime. The program looked good on paper. A communique broadcast by Hanoi radio said the Communist north's first elections will be held in 1957, "enabling the people further to particiate in management of the state and control of the administration."

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Procedure . . .

tary Principals' Conference, Syracuse, Dec. 3-4.

Warren Russell, New York State Audio-Visual Council, Syracuse, Dec. 6-8.

Rita M. Hand, rheumatic heart conference, Manhattan, Nov. 13.

S. Marvin Craft and Miss Kirshenblum, House of Delegates, Buffalo, Nov. 19, 20 and 21.

Leonard Stine, Mr. and Mrs. Margaret Branigan and Mr. and Mrs. Donald Slater, New York State Music Association, Syracuse, Nov. 29 and 30 and Dec. 1.

Mr. Stine and Miss Lulu May Roberts, Eastern Education Music Education National Conferences, Atlantic City, March 1-5.

An additional increment of $100 for Miss Isabel Malone for completion of 15 credits beyond her Master's was approved.

The board also approved a two-month leave of absence for Lucille Campbell.

Warrants for vouchers amounting to $228,174, as submitted by Robert O'Reilly, were approved. Mr. O'Reilly also submitted a budget statement, a treasurer's report and a cafeteria report.

A request of the KHS Student Council to plant some maple trees in front of the high school was approved. Mrs. John D. Schoonmaker was appointed a committee of one to plan the landscaping along the front of the high school between the school and the driveway.

Study Football Program

The board took cognizance of a recommendation by Coach Warren Kias that a six-man or eight-man tackle football program be set up on an intramural basis. Mr. O' Reilly pointed out that he had met recently with Dr. Irving Josephson, school physician, and the coaching staff to discuss the idea. He said there had been no major injuries in the past three years from the intramural football program. The boys in the seventh and eighth grades are "well-uniformed and well-supervised," Mr. O'Reilly told the board.

The following use of school facilities was approved:

Mendelssohn Club, KHS auditorium, Dec. 15, $60 fee.

Ulster County 4-H Club, vocational building, Saturday, Nov. 24, 12:30 to 4:30 p. m., janitor's fees, if any.

Girl Scouts, George Washington School on Wednesdays.

Girl Scout Troop Committee, School 3, Saturday, Nov. 3, and Saturday, Nov. 10, 8:45 to 11 a. m.

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December Vote

vote of all those attending the meeting was one for three school plan, six for one centrally located school, 30 for an addition to the present school and one undecided. The vote of residents of the area was four for one large K-6 school; 21 for an addition to the present school and one undecided.

At the Ashokan meeting last evening the general vote was two for a single k-6 building, 55 for an addition to the present school and four undecided. The vote of residents of the area was 46 for an addition to the present building and four undecided.

The final vote on bond issues, which probably cannot be before the middle of December, will be at the Onteora Central School with polls open throughout the day to give all voters an opportunity to appear and cast their vote. The board of education recently came to a decision to reduce the bond issue from the original $1,250,000 to $775,000 and proceed under a two school plan, pending action by New York city to sell city property for the town of Olive school. A separate bond issue will have to be voted for that work in order not to delay the present expansion program.

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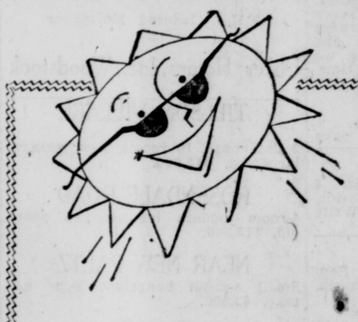

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The Kingston Daily Freeman

IBM

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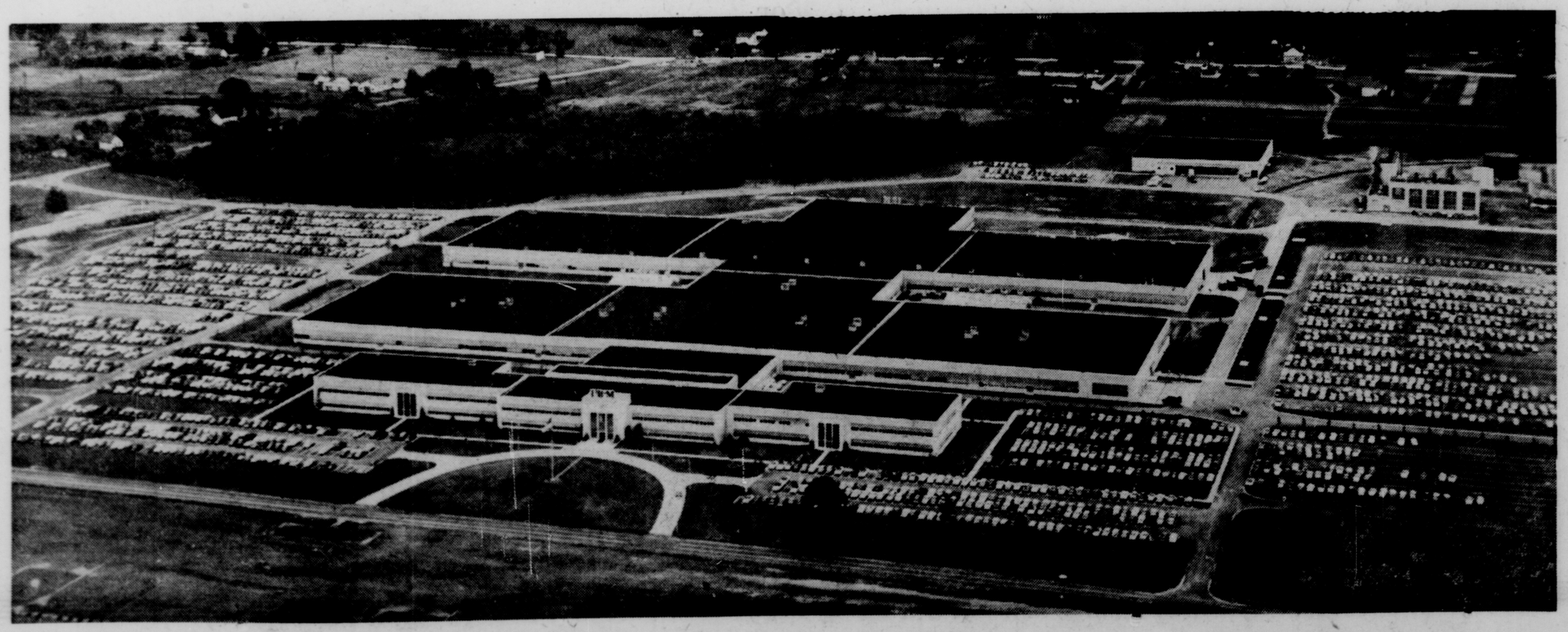
THOMAS J. WATSON, JR.
IBM President and Chief Executive Officer

OPEN HOUSE EDITION

NOVEMBER — 1956



IBM Role in U.S. Defense Seen Through Military Products

Future Bright For Unit Doing Important Work

IBM intends to play a permanent role in the nation's defense.

This was made clear when IBM President Thomas J. Watson, Jr., announced the Military Products Division as an autonomous unit within the IBM corporate structure.

The future of this new division in indeed bright. For the Military Products Division is doing one of the most important jobs in industry today. Its people are producing for the U. S. Government some of the most advanced equipment ever conceived.

IBM'ers who are part of this organization like informally to call in "The Breakthrough Division." They point out how, by designing and producing in record time equipment needed by the government, the division has broken through previous boundaries of engineering and manufacturing and has established new organizational concepts.

A FAST, efficient pace has been a key to IBM's program of doing work for the government since it started on its first post-World War 2 contract in 1951. The forward strides taken since then all have been steps leading to the reorganization, a corporate change that President Watson feels will enhance IBM's ability to serve the government in connection with the defense program.

The important announcement of the reorganization was made on October 19 last year at the Metropolitan Club in midtown Manhattan during a luncheon meeting attended by some 50 IBM directors, officers and executives. C. F. McElwain, formerly director of Defense Engineering and Manufacturing, was named general manager of the newly created division.

Other top appointments announced at the luncheon included W. A. Dolph as division controller; A. F. McCulloh, division counsel; C. I. Johnson, general manager of the airborne computer center and G. A. Cullen, general manager of the Kingston Military Products Center.

Mr. Cullen subsequently was named general manager of the new San Jose, Calif., plant to direct both manufacturing and production engineering activities there.

Robert P. Crago, who had been assistant general manager, succeeded Mr. Cullen as general manager at the Kingston plant. Prior to his appointment as assistant general manager Mr. Crago was manager of engineering at the Poughkeepsie Laboratory.

When the formation of the Military Products Division was announced Richard J. Whalen was named manager of engineering. At the time of his appointment he was superintendent of IBM Kingston manufacturing. In April of this year Mr. Whalen was named assistant general manager, succeeding Mr. Crago.

Harold D. Ross was named manager of engineering to succeed Mr. Whalen. Mr. Ross at the time of his appointment was manager of development engineering of the Kingston Military Products Division.

IN DESCRIBING the growth of the new division at the time of the announcement, Mr. Watson pointed out that the volume was approximately 40 times greater than in 1951, when IBM started its current government contracts work.

In 1955, military products revenue was approximately 14 per cent of the total IBM revenue. It is anticipated that within two years the amount of work being done for the government will double again.

The IBM President said that the new division will be self-contained engineering, manufacturing and administrative unit, along the same lines as the electric typewriter division, which a few weeks earlier had been reorganized on an autonomous basis.

Mr. Watson said that the work of the defense organization calls for continuous close coordination with a variety of governmental and military organizations. Heading such an operation, Mr. Watson said, calls for the services of an experienced leader. He then announced Mr. McElwain's promotion. Later, during the meeting, IBM Board Chairman Thomas J. Watson said, "I don't know of anyone in this organization who is better qualified for the job. I think I speak for all IBM'ers when I say I am delighted Mr. McElwain has been given this position.

THE NEW General Manager has been with IBM since 1923, after having attended Duquesne University and Carnegie Institute of Technology. He served as a Customer Engineer in Pittsburgh, Indianapolis and San Francisco and later was made Southern District Supervisor of Customer Engineering.

In 1932 he was made Chief Inspector at Endicott and later became Supervisor of Assembly. In 1942 he gained valuable experience in IBM defense work when he was named Supervisor of Ordnance. About a year later he was promoted to Assistant Superintendent of the plant, and about three years later he was promoted to Plant Superintendent. Less than three years later he was named Works Manager and in 1951 again became a central figure in the military products picture as Manager of Defense Engineering.

Mr. McElwain, in his brief acceptance speech, said that the reorganization of the Division would mean a great deal to each of its 4,000 members. "This move has given us the opportunity to weld ourselves into a single, harmonious unit ready to answer all the challenges of the important work being carried out for the Government."

He went on to explain the reasoning behind the organization's calling itself "The Breakthrough Division." He pointed out that his group had opened new areas in its work on Project Lincoln, entered into with the Government by IBM in collaboration with the Massachusetts Institute of Technology, to produce ground-based computers for the continental air warning network.

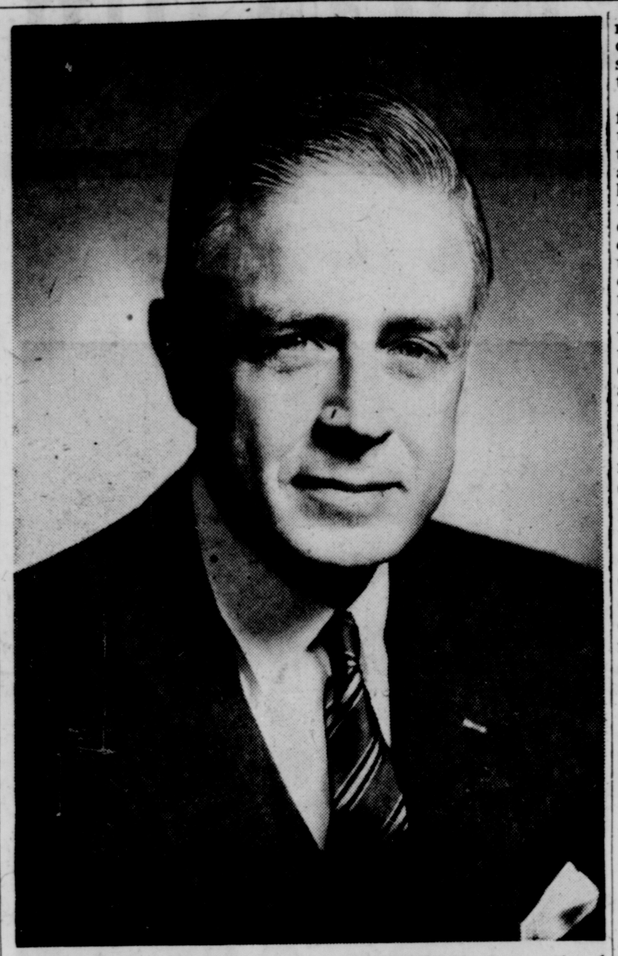
Another pioneering accomplishment was the building of advanced electronic bombing and navigational systems.

SUCH ACCOMPLISHMENTS were at least partially made feasible, according to Mr. McElwain, by the defense organization's dramatic developments in faster circuitry and in advanced packing and cooling systems for airborne equipment as well as manufacturing strides made in the use of etched circuitry and Autofab, used to assemble electronic equipment automatically.

Bright as the past has been for this young organization, it is the future upon which all eyes in the Military Products Division are turned now. Divisionalization had added another dimension to the job ahead. It has been made clear that this is a permanent organization, which will continue to grow. Job opportunities will continue to grow, also. It is anticipated that within the next two years more than 2,000 additional people will be assigned to the work IBM is doing for the Government. The job, now being accomplished in some six locations, with a total of 640,000 square feet of floor space, is going to be centralized in two main locations, where some 900,000 square feet are being prepared for research and manufacturing facilities. By 1958 it is anticipated that all work in the defense area will be carried out at these locations with the exception of top administrative functions, headquarters for which still will be WHQ.

The research and manufacturing centers for this defense program will be located in the Poughkeepsie - Kingston area, where the air-warning computers are being produced, and in the Endicott and Poughkeepsie areas where the airborne com-

(Continued on Page 3A)



THOMAS J. WATSON, JR., PRESIDENT, International Business Machines Corporation, was born in Dayton, Ohio on January 8, 1914, and received his education at Brown University, from which he received his B.A. degree in 1937.

He joined the International Business Machines Corporation in October, 1937, as a Junior Salesman in the New York Sales Office.

Mr. Watson had five years service as a bomber pilot in the United States Army Air Force. After completion of his military service, he returned to his duties with the International Business Machines Corporation. In January 1952, Mr. Watson was elected President of the IBM Corporation.

Mr. Watson is married, has five children, and makes his home in Greenwich, Conn.

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IBM Role in U. S. Defense . . .

(Continued from Page 2A)

puters are being developed and built.

This ambitious program is actually a broad extension of a tradition established early in 1941 when Thomas J. Watson offered Government officials all the facilities of the company. Within months IBM was engaged in important work in the defense effort.

Before World War 2 was over, IBM had completed 38 major ordnance projects and numerous lesser commitments.

Again, when the United Nations acted to defend South Korea, IBM went to work for the Government, building computers and periscopes for Air Force bombsights. IBM has been expanding its developments in this area since that time, first under the leadership of J. W. Birkenstock, now Director of Product Planning and Market Analysis, and later J. E. Zollinger, recently appointed Executive Assistant to the Vice-President in Charge of Sales.

WITH THE RAPID growth of the organization, direct lines of decision became an ever-increasing necessity.

With the divisionalization, engineering and manufacturing are now linked directly. Contact between military projects is more direct. Decisions can be attained immediately by the leaders of the organization best acquainted with the tremendous specialization of the work involved.

Planning for the future is enhanced by closer contacts throughout the organization. The move promises a challenging, more responsible future for everyone in the Division, its leaders firmly believe.

The importance of the reorganization is not limited to the 4,000 people working in the defense area. It is significant to everyone in IBM. For one thing, although the majority of IBM'ers may never see the company products being built for the nation's defense efforts, all members of the IBM family take great pride in the knowledge that their company is doing such important work for the country. More tangible than pride in work about which little can be told is the fact that the advanced development work and manufacturing efforts of the Division may be translated some day into equipment that has a place in the offices of automation-conscious customers of the business world.

The optimism and determination with which this new Division faces the future is, at least in part, a direct reflection of the enthusiasm of its newly promoted leaders. Following is a brief introduction to some of these top men in the Military Products organization and their job accomplishments in IBM:

Promoted to the post of Division Controller is William A. Dolph, Assistant to the IBM Controller at WHQ since 1952. Mr. Dolph started with IBM in 1923 as a Cost Clerk at Endicott, received increasingly important assignments as a member of the Machine Accounting Department, Supervisor of the Department, Cost Accountant at the Endicott plant, Assistant Works Accountant, Works Accountant at Endicott, and Endicott Manager of Plant Control and Auditing.

THE NEW DIVISION Counsel, A. F. McCulloh, has been Administrative Assistant in the Legal Department and Office of the Secretary for the past three years. A member of the Montana Bar Association, he joined the IBM Legal Department in 1935. In 1942 he was transferred to Endicott to handle all legal work pertaining to World War 2 munitions contracts. His first postwar assignment was Manager of the Payroll and Personnel Records Department at WHQ.

C. I. Johnson, named General Manager of the Airborne Computer Center, joined IBM in 1934 as a Customer Engineer in Boston. During the next few years he won promotions to engineering and designing posts at Endicott. Later he was named Manager of the Machine Improvements Program and subsequently was promoted to Development Engineer and later, Production Engineer. In 1951 he was named Assistant Manager of Defense Engineering; then Manager of Engineering for the bombing and navigation systems project. The middle of last year he was promoted to Manager of the Airborne Computer Laboratory.

The new Assistant General Manager of the Airborne Computer Center, R. E. Frederick Jr., has been with IBM since 1934. He first held assignments in Production Engineering and Tool Engineering at Endicott. Later he became Supervisor of Plant Protection, Manager of the Photo-engraving Engineering Department, Project Manager of 407 Production Engineering, Division Manager of Industrial Engineering, and Assistant to the General Manager at Endicott. His most recent assignment has been Administrative Assistant to the Vice-President in Charge of Manufacturing.

Manager of Engineering at the Airborne Computer Center is Edmund A. Barber Jr., an IBM'er since 1938, whose most recent assignment has been Manager of Research at the Endicott Engineering Laboratory.

New Controller at the Airborne Computer Center is H. J. Ekelund an IBM'er since 1938, who for the past year has been Manager of Special Costs and Expense Studies at WHQ.

Donald B. Otis has been appointed Controller of the Kingston Military Products Center. He has been Works Accountant at the Kingston plant since last year. He joined IBM in 1952 as a member of the Poughkeepsie Methods Department.

James H. Fraser has been named Manager of Manufacturing for the Kingston Military Products Center. An IBM'er since 1932, he has been Administrative Assistant to the General Manager at Kingston since early this year.

Another receiving a Kingston Military Products Center promotion is R. C. Sampson, now Manager of Field Engineering. With IBM since 1926, he was assigned last year to Kingston to take an important role in setting up the Field Engineering program.

These men, as well as all the other IBM'ers working in the Military Products Division, are today opening new trails for development that will add power to the country's defense effort.

CHARLES S. SCOTT, JR., Works Accountant at the IBM Kingston Military Products Division, began his career with International Business Machines Corporation in 1946 as a student salesman in New Haven, Conn. At the time of his promotion to works accountant in September he was an assistant to the controller.

He attended sales training school at Endicott and in November, 1946, was assigned to the Baltimore office as a sales trainee. He became a salesman in January, 1947, and worked in the Detroit area.

Mr. Scott was transferred to the Poughkeepsie Plant in October, 1947, as a timekeeper. He served as cost clerk there from December, 1948, until May, 1952, when he was promoted to manager of cost computation. He became manager of the Poughkeepsie Payroll Department in March, 1953, and about a year later was promoted to project manager of accounting there. In June of 1954, he was transferred to the Kingston Plant in the same capacity.

A native of Brooklyn, Mr. Scott attended high school in Peoria, Ill., and is a graduate of Hobart College at Geneva, N. Y. During the more than three years he served in the U. S. Navy, Mr. Scott attended Midshipman School at the University of Notre Dame. He has also studied and taught courses in the IBM Schools.

Mr. Scott is a member of the National Association of Cost Accountants, the IBM Country Club and Kappa Alpha, a fraternal society.

Mr. and Mrs. Scott and their four children reside on Richmond Parkway, Kingston.

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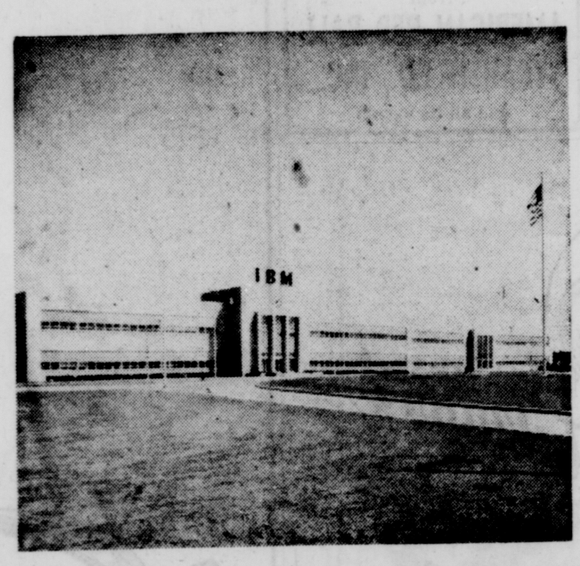

To IBM, congratulations. To the folks who build the machines that make the name of International Business Machines famous throughout the world, we extend our sincere best wishes for continued success in your beautiful new plant.
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The central processing unit also houses the machine's magnetic core memory. Magnetic cores—tiny, doughnut-shaped objects that can "remember" information indefinitely and recall it in a few millionths of a second—are the most advanced form of electronic storage yet devised.

Magnetic tape and magnetic drum units provide additional storage facilities, and several types of input and output equipment are connected to the central processing unit to complete this fast, flexible data processing system and to provide it with almost unlimited storage capacity.

World Trade Corporation Handles IBM Business Outside the U.S.

The IBM World Trade Corporation was formed on September 19, 1949, as an independently operated but wholly-owned subsidiary of International Business Machines Corporation, to handle IBM business outside the United States.

Expansion of IBM's overseas operations was started after World War 1 by Thomas J. Watson. In the beginning, much of the company business abroad was carried on by independent companies operating under IBM patent licenses or by agencies. As operations grew, it was found that service to users of IBM equipment could be better provided by directly supervised IBM operations and arrangements were made to put this into effect.

As the demand for IBM products increased through the years and with it the need for better service for the thousands of IBM customers overseas, the decision was made to replace the existing IBM World Trade Division with a completely integrated company.

Thus, IBM World Trade Corporation was born in 1949. Today the company is doing business in seventy-nine countries of the world. Factories are operating in Canada, Brazil, England, France, Germany, Italy, Japan, Scotland, Sweden and The Netherlands. Assembly plants are located in Argentina, Australia, Belgium, Norway and Switzerland. IBM cards are manufactured in thirty-one plants around the world.

IBM WORLD TRADE Corp. operations abroad are carried out under the basic policies established by Mr. Watson in IBM Corp. These are: profit for the customers . . . for the employes . . . for the stockholders.

Another policy of the company is to employ nationals of the countries in which it does business. In addition, a program of exchanging IBM machines and machine parts among various countries enables each of these countries to participate in the economy of the others to an extent commensurate with the business created within its own borders.

With the development of IBM World Trade Corp. aboard, schools have been established in many countries for the training of IBM sales personnel, factory apprentices and customer employes. These schools are currently being expanded together with general education classes for more IBM World Trade Corp. employes. In all parts of the world, company employes are also encouraged to take an active part in community and national activities which aid in local development and progress.

THE OFFICERS of IBM World Trade Corporation are: Harrison K. Chauncey, Vice-Chairman of the Board; Arthur K. Watson, President; John E. Brent, Vice-President and General Manager; Lawrence P. Pennell, Vice-President; Charles K. Campbell and Thomas A. Kirkland, Vice-Presidents; C. E. Erwin, Treasurer; Edwin F. Goldfuss, Controller; Harold Christensen, Secretary, and Gustave J. Rebsamen, Assistant Secretary.

On the Board of Directors of the company are Mrs. Thomas J. Watson, Joseph T. Wilson, Mr. Chauncey, Mr. A. K. Watson, Mr. Pennell, Mr. Brent, Mr. Campbell, Mr. Kirkland, G. Harry Sheppard, President, IBM Company of Canada, Ltd.; Drury W. Cooper, Jr., of the New York law firm of Cooper, Byrne, Dunham, Keith and Dearborn; George L. Hinman, of the Binghamton, N. Y., law firm of Hinman, Howard and Kattell; William L. Kleitz, President of the Guaranty Trust Company of New York; and Richard W. Courts, Jr., partner in the Atlanta, Georgia, investment banking firm of Courts and Company.

IBM World Trade Corp. Headquarters are located at 807 United Nations Plaza, New York 17, New York.

MELVIN C. BLODGETT, plant engineer of the IBM Electric Typewriter Division at Kingston, was among the first arrivals at the new ET plant. Mr. Blodgett's department was responsible for getting the plant ready for occupancy.

He joined IBM as a student in the Engineering Training Program in September, 1946. In 1947 he was transferred to Poughkeepsie as an electrical design engineer in the plant engineering department. Mr. Blodgett was made manager of the electrical engineering design section in 1954. He then was transferred to the Military Products Division at Kingston and in 1955 became plant engineer of the Electric Typewriter Division.

Mr. Blodgett, a native of St. Johnsbury, Vt., was graduated from the St. Johnsbury Academy and received his bachelor's degree in electrical engineering from the University of Vermont, where he was elected to Phi Beta Kappa. He served in the U. S. Army Signal Corps.

Mr. Blodgett holds membership in the IBM Study Club, IBM Country Club, the American Institute of Electrical Engineers and the University of Vermont Alumni.

He resides with his wife and three children at Blue Mountain, near Saugerties.

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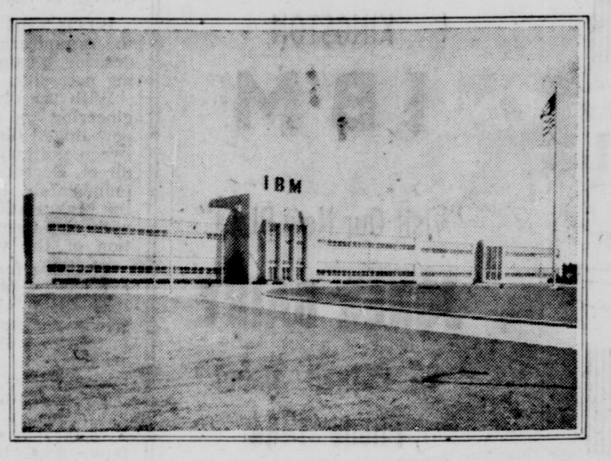

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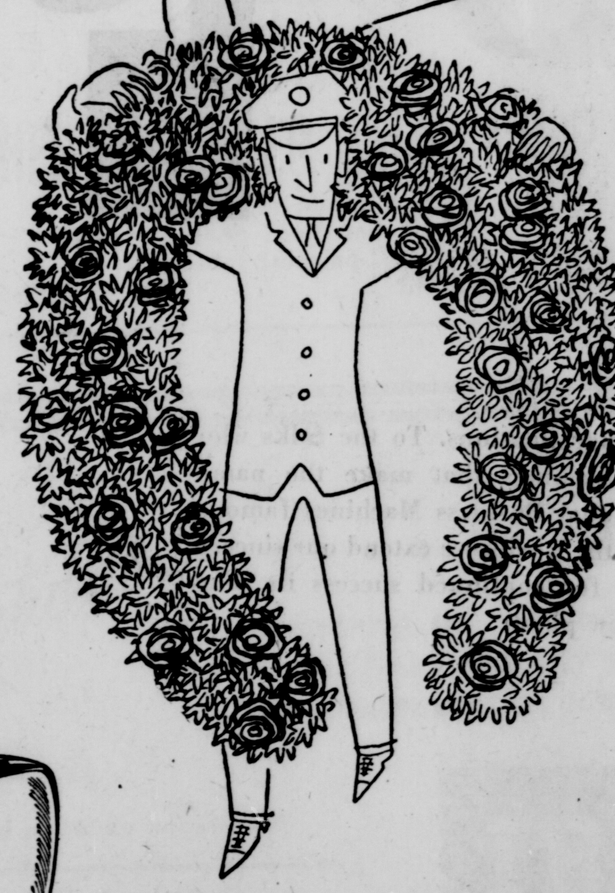

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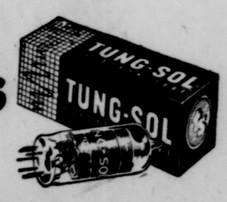

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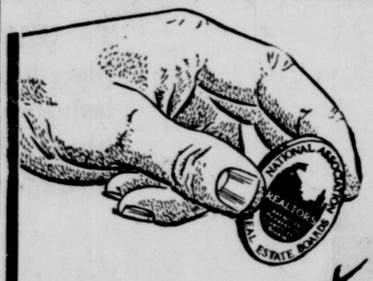

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MRS. THOMAS J. WATSON has been a Director of IBM World Trade Corporation since 1949, when that subsidiary was formed to handle IBM business outside the United States. She was elected a Director of IBM in August, 1956. Her contribution to IBM cannot be measured by the brief time she has served in an official capacity, for ever since the late Mr. Watson became head of IBM in 1914, Mrs. Watson worked side-by-side with him in the company as well as in his other activities.

In speaking of the contributions made by Mrs. Watson to the progress and development of IBM, Mr. Watson, in an address to company employes, said:

"She has worked with me and traveled with me nearly everywhere I have gone and has contributed more to this company than I can tell you. I will go further and say to you in all honesty that it would have been impossible for me to build this company to where it is today without Mrs. Watson's cooperation and advice."

A specific instance of the contribution made by Mrs. Watson to the equipment manufactured by the company is the IBM Electric Typewriter with Remote Control Keyboard. This was suggested by Mrs. Watson after observing veterans in hospitals.

To all members of the IBM family throughout the world, Mrs. Watson is well-known and loved because of her constant interest in the problems of the individuals in the company and the members of their families, as well as in the broader policies of the organizations. She has had a continuing and deepfelt interest in human relations and in the progress and development of the members of the IBM family.

In May, 1948, Mrs. Watson was made an honorary life member of the New York State Congress of Parents and Teachers for her many contributions to the welfare and happiness of children and youth.

In 1950, representatives of the Catholic and Jewish creeds in the Triple Cities area (Binghamton, Johnson City and Endicott, N. Y.) joined the Greater Endicott Ministerial Association in paying tribute to Mr. and Mrs. Watson for their "Christian leadership in Greater Endicott and throughout the world."

In February, 1951, the honorary degree of Doctor of Humane Letters was awarded to Mrs. Watson by Syracuse University. The same degree was given her in August, 1951, by Colorado State College, and in June, 1955, by Lafayette College. In June, 1954, Wheaton College, her alma mater, awarded her the honorary degree of Master of Arts.

In November, 1953, Mrs. Watson was made an honorary member of Beta Sigma Phi sorority.

In November, 1954, Greece awarded Mrs. Watson the Commander of the Royal Order of Beneficence, and she was decorated by Belgium in July, 1955, when that country awarded her the Knight of the Order of the Crown.

Mrs. Watson is a member of the Brick Presbyterian Church of New York city, and takes an active interest in the work of many civic, educational and religious groups.

HAROLD W. BAILEY, Electric Typewriter Division plant superintendent at IBM Kingston, joined the company 19 years ago as a drill press operator at the Endicott Plant.

He became an apprentice toolmaker in March, 1938, and three years later he was promoted to toolmaker. In March of 1946, Mr. Bailey was transferred to the Poughkeepsie Plant as a department manager. He became project manager in charge of second shift operations in November, 1948, and was appointed assistant superintendent in May, 1951. After serving as quality manager from March 1955 until last January, Mr. Bailey was promoted to his present post.

He is a native of Bernice, Pa. and a graduate of Union-Endicott High School. Mr. Bailey served nearly five years in the Army during World War 2 and saw service in Africa, Italy, France, Germany and Austria.

Mr. Bailey is a member of the IBM Study Club, IBM Country Club, American Society for Quality Control and the board of directors of the Mid-Hudson Workshop.

Mr. and Mrs. Bailey and their daughter reside at 2 St. Agnes road, Poughkeepsie.

JOSEPH A. RICE, administrative assistant to the assistant general manager of IBM Kingston, is in charge of administrative planning for the Military Products Division Plant.

He became associated with IBM in January, 1953, as an industrial engineer at the Poughkeepsie Plant. Mr. Rice came to Kingston in January, 1955, and was promoted to manager of the industrial engineering plant operations department. For nearly a year he supervised all plant layout, materials handling, packaging and work planning during the period of occupancy of the Kingston Plant. He was advanced to his present post in December, 1955.

Mr. Rice, a native of Cranford, N. J., attended high school there. He holds a bachelor's degree in industrial engineering from New York University. Mr. Rice also has studied and taught courses in the IBM Schools.

He is a veteran of three years army service with the Corps of Engineers and a member of the IBM Country Club and the American Society of Mechanical Engineers.

Mr. Rice, his wife and their three children reside in Hopewell Junction.

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Major Events Noted At Kingston IBM

Major events in the brief history of IBM Kingston occurred on these dates:

NOVEMBER 7, 1953—IBM Board Chairman Thomas J. Watson announced at Watson Trophy Dinner Program in Poughkeepsie plans to construct new plant in Kingston.

FEBRUARY, 1954—Final title to 200 acres of land in the Town of Ulster was acquired by IBM.

APRIL 12, 1954—Announcement was made that the construction contract for IBM Kingston had been awarded to Turner-Campbell, Inc.

MAY 13, 1954—Ground was broken for construction of the plant.

AUGUST 5, 1954—Gavin A. Cullen appointed general manager of IBM Kingston.

FEBRUARY 8, 1955—First Kingston IBMers occupied the plant.

FEBRUARY 19, 1955—Increase of Kingston Plant area from 320,000 to 459,000 square feet was announced.

MARCH 19, 1955—Announcement was made that the Electric Typewriter Plant would be constructed on the Kingston site.

April 25, 1955—Construction of the Electric Typewriter Plant began.

MAY 1, 1955—Clair F. Vough appointed works manager of Electric Typewriter Division.

SEPTEMBER 12, 1955—Move of Electric Typewriter assembly to Kingston began. "Pilot Line" assembly operations started.

SEPTEMBER 21, 1955—IBM announced purchase of a 300-acre site along Ulster Landing Road for employe recreational facilities.

SEPTEMBER 28, 1955—Reorganization of Electric Typewriter Division as an autonomous operation announced.

OCTOBER 1, 1955—Robert P. Crago named assistant general manager of Military Products Plant.

OCTOBER 20, 1955—Military Products Division set up on autonomous basis. C. F. McElwain appointed general manager of new division. Kingston made center of one of the two sites for MPD operations.

JANUARY 25, 1956—IBM President Thomas J. Watson Jr. participated in Kingston Area Chamber of Commerce Annual Banquet in Governor Clinton Hotel.

APRIL 11, 1956—General Manager Gavin A. Cullen transferred to new San Jose, Calif., plant; Robert P. Crago appointed general manager of Kingston MPD Plant; Richard J. Whalen named assistant general manager, and Harold D. Ross made manager of engineering.

MAY 18, 1956—Announcement made that IBM would begin gradual development of Country Club and recreational facilities for Kingston employes and their families.

JUNE 29, 1956—Shipment to U. S. Air Force at McGuire Air Force Base, Trenton, N. J., of first SAGE computer made at IBM Kingston Military Products Division announced at press conference. Also announced was plan for new Engineering Laboratory to house development engineering for Military Products Division. Electric Typewriter Division announced plans to construct new electric typewriter plant at Lexington, Kentucky.

AUGUST 30, 1956—Announcement made that construction of new Engineering Laboratory containing 160,000 square feet would begin in October, with occupancy scheduled for late 1957.

SEPTEMBER 8, 1956—First IBM Kingston Family Day held with more than 20,000 persons in attendance.

Research Director

As IBM's new Director of Research, Emanuel Piore, one of America's top-flight scientists, is aiming his characteristic enthusiasm toward the furthering of the company's huge multi-million-dollar research and development program, calculated to develop still better IBM products for the future.

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Foundation of IBM Organization Was Laid in 1911

Three Companies Brought Together

The foundation of the International Business Machines Corporation was laid in 1911 when the Computing-Tabulating-Recording Company was formed by bringing together three companies—the Computing Scale Company of America, the Tabulating Machine Company, and the International Time Recording Company—manufacturing commercial scales, tabulating equipment and time recording equipment. Three years after incorporation, the C-T-R found itself in need of leadership that could effect closer coordination of its three divisions, and, for that purpose, Thomas J. Watson was elected its president. He established three basic policies under which the company has operated since: benefit for customers and profit for employes and stockholders.

In 1924, the name of the C-T-R was changed to International Business Machines Corporation because the company had developed so broadly under Mr. Watson's leadership that a name more indicative of the scope of its activities was required.

Electric Typewriters were added to the line of IBM products in 1933, when the company acquired Electromatic Typewriters, Inc., of Rochester, N. Y. The Rochester plant was sold in 1946 to the Justowriter Corporation and production of typewriters was transferred to the IBM plant in Poughkeepsie.

Manufacture of scales by IBM was discontinued in 1934, when the Dayton Scale Division was sold to the Hobart Manufacturing Company.

IBM now has six manufacturing plants in the United States, with four others now being built or scheduled for construction soon.

The Endicott, N. Y., factory was the first of the existing plants to be established. When it was first put into full operation it had a total of 22,958 square feet of floor space and it now has over 1,240,000 square feet of floor space. Electric and electronic accounting machines, electronic data processing machines, all products of the time equipment division, and defense products are manufactured at Endicott, and IBM cards and test scoring sheets are manufactured and printed there.

THE SECOND LARGEST IBM plant is in Poughkeepsie. It was purchased in 1941 as the Munitions Manufacturing Corporation with 44,000 square feet of floor space. A number of additions have been made since, and the Poughkeepsie Plant now has about 1,200,000 square feet of manufacturing floor area. This plant is currently engaged in important national defense production in addition to production of card punches, electric and electronic accounting machines, electronic data processing machines, proof machines, sorters and other company products.

Plans were announced in March, 1955, to shift the company's entire assembly and a portion of its parts production of electric typewriters from Poughkeepsie to a 322,000 square-foot plant to be built in Kingston, N. Y. Ground for the new plant was broken in the summer of 1955 and production got under way in June, 1956. The vacated space in Poughkeepsie will be used for IBM's expanded electronic data processing machine manufacturing program.

This typewriter plant is adjacent to another new IBM Kingston plant of 459,000 square feet which was started in 1954. Currently, the existing plant is producing computers that the United States Air Force will install in its continental air-warning network. In addition to a total of 3,000 employes who are engaged in defense work at this plant, about 2,000 people are employed in the new typewriter operations.

OTHER IBM PLANTS are located in Washington, D. C., and San Jose, Calif. The Washington Plant, originally a facility of the Tabulating Machine Company, was enlarged during World War 2. The San Jose plant was dedicated in September, 1943. Manufacturing, laboratory and educational activities now conducted by the company in San Jose will be moved to new, greatly expanded facilities, comprising 400,000 square feet of floor space, to be constructed on a 190-acre site in that city this year.

Manufacturing operations are also carried out at the company's Greencastle, Ind., plant, which was dedicated in October, 1954, and contains over 180,000 square feet of floor space.

CONSTRUCTION of buildings to house a portion of IBM's new Military Products Division is under way at Owego, N. Y. and will be occupied early in 1958. Approximately 400,000 square feet of engineering and manufacturing space will be given to facilities required for the production of advanced bombing and navigational systems.

Scientists and engineers at IBM laboratories in Endicott, Poughkeepsie and San Jose constantly pioneer developments with practical business applications by exploring new techniques and theories. The first unit of a Research Center to provide centralized facilities for the company's electronics research program was dedicated in October, 1954, with completion of the Poughkeepsie research laboratory. Early in 1955, plans were announced for construction of two two-story structures on a site adjacent to the new laboratory. These buildings are to be used for engineering and development activities in connection with IBM electronic data processing equipment.

PLANS FOR A NEW IBM Research Center in Yorktown, New York, 38 miles north of New York City, were announced in September by Thomas J. Watson Jr., president of International Business Machines Corporation. Options have been taken on 224 acres of land situated between the Taconic State Parkway and Pines Bridge Road. Completion of negotiations awaits necessary zoning changes permitting construction of modern, landscaped facilities to house laboratories and administrative offices for a research staff which is expected to number approximately 1,600.

The announcement follows the creation earlier this year of a separate group within the IBM engineering organization to consolidate all fundamental research aimed at improving the company's products. The work of this group will be guided by Dr. Emanuel R. Piore, recently appointed IBM Director of Research and formerly Chief Scientist of the Office of Naval Research.

"We believe that a major research effort such as ours flourishes best in its own surroundings," said Mr. Watson. "The Westchester County site on which we hope to build is located midway between Poughkeepsie and New York City. It was selected not only with an eye to accessibility but to the considerable cultural and educational opportunities in the area. These are of great importance to scientists, whose interests indivdually and as a group are extremely varied."

NO MANUFACTURING operations of any kind will take place at the IBM Research Center. Instead, the best architectural skills will be employed to provide a "Research Community" which blends with its pleasant Westchester County setting. The site consists of rolling, slightly-wooded countryside adjacent to parkways, estates, small houses and farmlands. It contains two brooks, a small pond, and cleared fields bordered by rows of trees. Construction will harmonize with these natural features, while establishing a new mark in originality and utility of design. The aim is to enable those assigned there to operate at the highest level of creativity and personal efficiency.

Members of the present IBM Research Laboratories in Poughkeepsie will move to the new site over a period of two years or more. The space vacated in Poughkeepsie by research personnel is to be occupied by expanding Product Development activities, which will remain there together with plants for the manufacture of electronic data processing machines and other products.

THE RESEARCH to be conducted at the new center covers a broad range. Much of it is in solid state physics, dealing with the ferro-magnetic substances which are eliminating vacuum and cathode ray tubes in electronic computers and replacing them with transistors and magnetic core memories. Research of this kind has already resulted in the development by IBM of electronic systems of greater speed, compactness, and reliability.

Yorktown is to be the center, but not the sole location, of all company research activity. IBM also has research laboratories in San Jose, California, New York City, and Zurich, Switzerland. The new facilities will be visited by staff members from these installations throughout the world. In addition, the center will be the scene of regular scientific meetings and seminars.

The importance of education to IBM operations is symbolized by the IBM school, built in Endicott in 1933, which serves as headquarters for the company's education program that offers a wide selection of courses to thousands of IBM customers and employes every year.

Plans are underway to construct a new school building at Endicott to make available increased facilities for the training of company personnel and IBM customers. The new structure, which will be attached to the existing IBM school building, will provide approximately 85,000 square feet of additional floor space to accommodate the company's expanding educational requirements, particularly in the training of customers' representatives, IBM sales trainees and members of its service organization, manufacturing and engineering personnel, and for general education purposes. It will also serve to consolidate outlying facilities into one general area and provide space needed to conduct advanced degree programs sponsored jointly by IBM and Syracuse University.

THE NEW BUILDING will be air-conditioned and acoustically-treated and will contain 33 classrooms and laboratories. Coupled with the eight rooms in the existing structure, a total of 41 rooms will be provided for training purposes. In addition, a 3,300 square feet demonstration area with a platform-stage and combined seating for 420 persons will be included. It will be possible to quickly convert this area into individual classrooms. A novel feature of the classrooms will be the installation of multi-purpose chalkboards which can also be used as bulletin boards, projection screens and display areas.

Construction is scheduled to get under way in April of 1956 for completion in 1957. Architects for the building are Moore and Hutchins of New York City.

Plans to contsruct a school building at Poughkeepsie to increase training facilities for company personnel and IBM customers have been announced. The building will be located north of the main plant overlooking the Hudson River Valley.

THE NEW STRUCTURE will provide approximately 120,000 square feet of floor space to accommodate the company's expanding educational requirements, particularly in the training of members of its service organization, manufacturing and engineering personnel, customers' representatives, IBM sales trainees and for general education purposes. It will consolidate outlying facilities under one roof and release space presently being used within the manufacturing area.

The new building will be acoustically treated, and will contain 55 classrooms and laboratories for training purposes, and a 3,900 square foot demonstration area with a platform-stage and seating for 440 persons. It will be possible quickly to convert this area into individual classrooms. The classrooms will have multi-purpose chalkboards which also can be used as bulletin boards, projection screens and display areas.

Architects are Eliot Noyes and Associates, New Canaan, Connecticut. The building will be of steel frame with inset brick panels. Native field stone will be used in the ground floor treatment where there will be a center garden courtyard. The building will have its own cafeteria.

IBM products are distributed and serviced through more than 400 branch offices and resident locations in the United States. Abroad, IBM operations are conducted by the company's wholly-owned, independently operated subsidiary, the IBM World Trade Corporation. Headquarters of both organizations are located in New York city.

Largest Municipal User

The city of Los Angeles is the largest municipal user of IBM accounting machines and electronic data processing equipment to reduce the time and money involved in many a civic chore, and claims to be "the most automated local government in America." Among the many applications they handle are tax collections, election registrations, traffic citations, accident reports, criminal records. smog detection studies, budgets, payroll and other accounting tasks.

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THE character of its management and its executives, the industry and loyalty of its employees have made a deep impression, an enduring impression, on the Mid-Hudson Valley. IBM people have entered into and take an active part in every social, civic and cultural organization . . . they have contributed to our prosperity and they are an assurance that POUGHKEEPSIE will always maintain its leading position in the Mid-Hudson Valley.

WE at Luckey's, therefore, take this opportunity of congratulating IBM and its leaders for the contributions they have made to the common good in our area.

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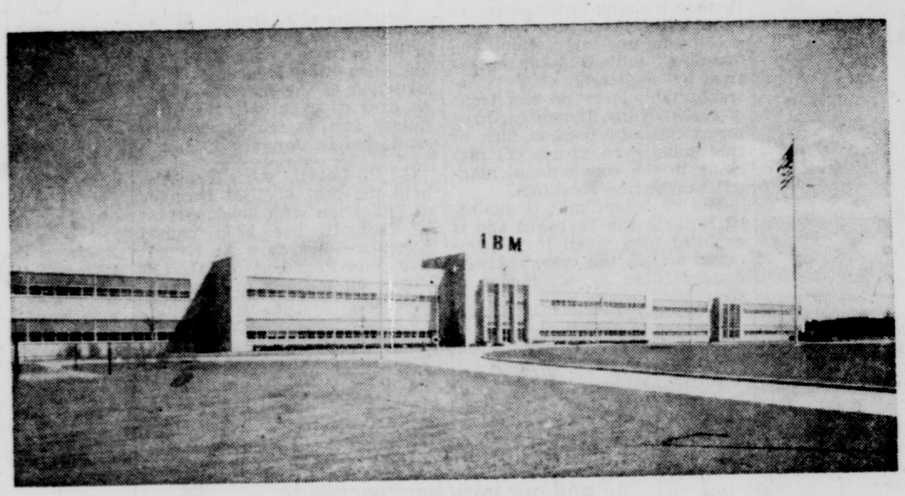

The spirit in which the International Business Machines Corporation operates to meet the challenge of the new era in providing machinery for the defense of the nation and for the well-being of the country makes certain that this organization will continue its indispensable unit in the nation's industrial system. Faith and respect in the individual and interest in his welfare and progress are the highest achievements of this world-wide industrial enterprise.

With the observance of these standards, wherein the security of the individual is essential and where the spirit of common purpose prevails, IBM is assured of continued leadership among the great industries of the nation.

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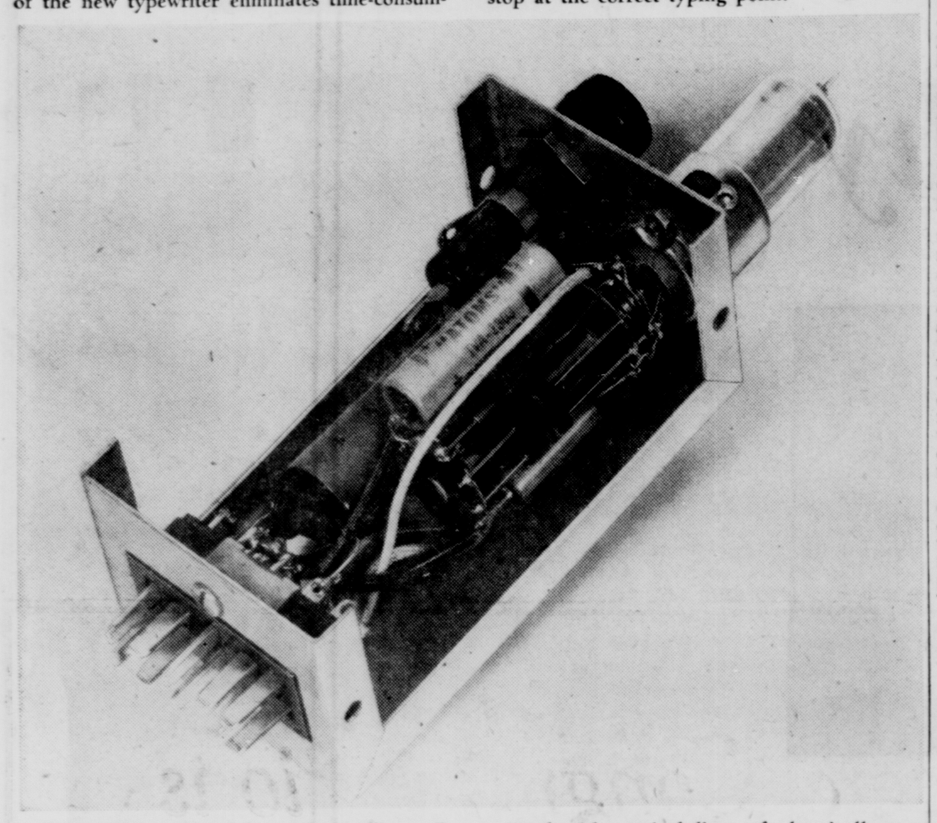
New IBM Electric Typwriter With Electronic Tabulation

The new IBM Electric Typewriter with Electronic Tabulation is designed to speed the preparation of business forms containing blank fill-in areas. The electronic "reading" feature of the new typewriter eliminates time-consuming tabulating adjustments when using a variety of forms. Vertical lines printed on the form with electrically-conductive ink automatically program the typewriter carriage to stop at the correct typing point.



Shown here is the "electronic intelligence" unit of the new IBM Electric Typewriter with Electronic Tabulation. The electronic device of the typewriter "reads" business forms specially printed with vertical lines of electrically-conductive ink, and automatically positions the typewriter carriage at the correct typing point.

'Reading' Ability Will Help Typist

For the first time in history, electronics has been introduced to the typewriter. The result is that this oldest and most used office machine has learned to "read" while it writes.

The "reading" typewriter was unveiled by the Electric Typewriter Division of International Business Machines Corporation when it announced the new IBM Electric Typewriter with Electronic Tabulation. The machine's "reading" ability will be of great assistance to the typist and will make her work considerably less tedious.

The new twpewriter feature specializes in the "reading" of prepared business forms which contain blank fill-in areas for the entry of date, order number, address, terms, and similar data. Modern businesses use scores, even thousands, of different varieties of such forms every day. And each time a typist rolls a different form into her typewriter she has to go through the process of manually resetting the tabulating stops so she can use her tab key to position the typewriter carriage properly for each fill-in area. The electronics "reading" feature of the new IBM typewriter eliminates these time consuming tabulating adjustments no matter how many different types of forms are placed in the machine.

Here is how the new device works. Vertical lines printed on the business form with electrically-conductive ink, make the form sensitive to electrical impulses. These conductive lines, in effect, program the typewriter. When the tab key on the keyboard is depressed, a tiny sensing unit close to the paper "reads" the form and automatically positions the typewriter carriage at the correct typing point.

The electronic tabulation typewriter may be used for any normal typing application. If the operator is already a typist, no further training is necessary to operate the machine other than a few minutes instruction. The "reading" unit is made operative by depressing the "electronic tab" lever on the front of the machine. If nonsensitized forms must be used, a flick of this same lever returns the machine to the conventional manual tab setting condition.

The electronic unit is mounted beneath the keyboard and is confined to a small metal container within the case, approximately three by six inches in size.

The Scholarly Computer

Some of IBM's accounting and data processing machines will soon turn from the weighty problems of the business world to more scholarly endeavors. Through the joint efforts of Roman Catholic scholars and IBM World Trade Corporation technicians, a process to aid scholars compile and index the world's great works of literature and philosophy into statistical code form has been developed.

ALEXANDER DARNOVSKY, division manager of manufacturing operations at the IBM Kingston Military Products Division Plant, joined the firm in August, 1950, as a customer engineer.

After taking training at the Endicott plant, Mr. Darnovsky was assigned to the Long Island City sales office. Transferred to Poughkeepsie in July, 1952, he served for more than a year as a student, instructor and administrative assistant in Defense Field Engineering.

Then, in September, 1953, he was sent to the Airborne Computer Laboratory at Vestal for additional training. He returned to Poughkeepsie in February, 1954, as administrative and technical assistant to the project manager of assembly.

Mr. Darnovsky came to Kingston in May, 1955, as manager of final systems testing. Last December he was appointed project manager of final assembly and general subassembly and in April he was assigned to his present position.

A native of New York city, Mr. Darnovsky was graduated from high school there. He also attended City College of New York and Syracuse University before receiving his B.S. degree in electrical engineering from Columbia University. In addition, Mr. Darnovsky has studied and taught courses in IBM Schools.

He is a veteran of three years in the Air Force and a member of the Institute of Radio engineers and the IBM Country Club.

Mr. Darnovsky resides in Woodstock.

Rochester Plant

Residents of Rochester, Minn., will soon see the steel skeleton of the huge new IBM plant taking form near their city. Construction of the plant, covering an area of over half a million square feet, is scheduled to be completed by January 1958.

G. P. Lovell, who formerly held the post of IBM Director of Education with headquarters at Endicott, has been named Executive Assistant to Executive Vice-President L. H. LaMotte, on matters of regionalization.

VINCENT JORDAN, technical assistant to the manager of field engineering at the Kingston Military Products Plant, began his career with IBM as a customer engineer in the New York city downtown sales office in January, 1931.

Subsequently, he served as a customer engineering supervisor in New York city and was later transferred to IBM World Headquarters as the first district manager of customer engineering there. Before his assignment to the Kingston plant in December, Mr. Jordan was customer engineering manager in IBM's Midtown sales office in New York city.

Mr. Jordan is a member of the IBM Quarter Century Club, an organization of employes who have completed 25 years of continuous service with the company. He was the first IBM Kingston employee inducted into the club at ceremonies conducted here last January.

He has won many suggestion awards during his career with IBM and in 1940 Mr. Jordan won the High Award Suggestion Contest.

A native of Staten Island, Mr. Jordan grew up in Dover, N. J., where he was graduated from high school. He also attended Dover Business College and completed a course at the Alexander Hamilton School of Business Administration in New York.

During his association with IBM, Mr. Jordan has furthered his education by completing 15 courses in the IBM educational program.

Mr. Jordan, his wife and their two children reside in Mount Tremper.

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R. W. Schubert, former Assistant Director of Laboratory Operations, has been promoted to Director of Laboratory Operations, it was announced recently. In his new position, Mr. Schubert will supervise all administrative activities of the commercial Research and Engineering Department.

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Uptown Across from the Senate House

...THIS IS THE ARCHITECT'S SKETCH (top inset) of the new IBM Kingston Military Products Division Development Engineering Laboratory to be constructed west of the IBM Kingston plant on Boice's Lane. The lower photo shows the relationship of the laboratory to the main plant. The facilities, which will comprise 160,000 square feet of space, will have everything required in a modern electronics laboratory. Occupancy is scheduled for late 1957.

RICHARD E. McNAUGHTON, assistant manager of personnel at the IBM Kingston Military Products Division, began his career with IBM in 1945 as an assistant sales representative in the Cincinnati office. At the time of his recent appointment to the personnel post he was manager of the department of education.

In 1946 he attended an Electric Accounting Machine sales class in Endicott and then returned to Cincinnati as an EAM sales representative. From 1946 to 1950 he was a member of five IBM One Hundred Per Cent Clubs, a designation for salesmen who attain annually a sales record.

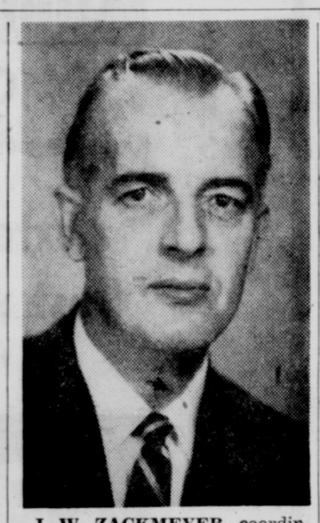
Mr. McNaughton joined the IBM Department of Education at Endicott in 1950. He first served as an instructor in the customer administrative and sales training programs, and in 1951 he was transferred as an instructor in the Division of Vocational and General Education, working in the manager training program.

Mr. McNaughton became chief sales instructor in 1952 and in February, 1953, he was advanced to coordinator of management development for the Endicott Plant.

He attended he University of Cincinnati and served with the U. S. Air Force at Wright Field, Dayton, Ohio, in a civilian capacity.

Mr. McNaughton is a member of the IBM Country Club, IBM Study Club, and the Industrial Training Council of New York State. He is past president of the Hooper School Parent-Teacher Association, Endicott, a former member of the Endicott Kiwanis Club and a past president of the Triple Cities Chapter, National Office Management Association. He was awarded a national plaque for his service with the latter group.

Mr. and Mrs. McNaughton and their daughter reside on Main street, Kingston.



J. W. ZACKMEYER, coordinator of customer engineering for the Electric Typewriter Division at IBM Kingston, was appointed to his present assignment last summer after serving 10 years in IBM's customer engineering field.

He joined the company in August, 1945, as an electric typewriter customer engineer at the St. Louis, Mo., branch office. After serving for three years in that position he was promoted to field supervisor of customer engineering. In June, 1949, Mr. Zackmeyer was promoted to manager of ET customer engineering. He became a technical specialist in March, 1952, before he was elevated to his present post.

Born in Paragould, Arkansas, Mr. Zackmeyer was graduated from high school at Poplar Bluff, Mo. He has completed several courses in the IBM School Program.

Mr. Zackmeyer was president of the St. Louis IBM Club in 1951 and is a member of the Free and Accepted Masons.

He resides with his wife and daughter at 52 Lounsbery Place, Kingston.

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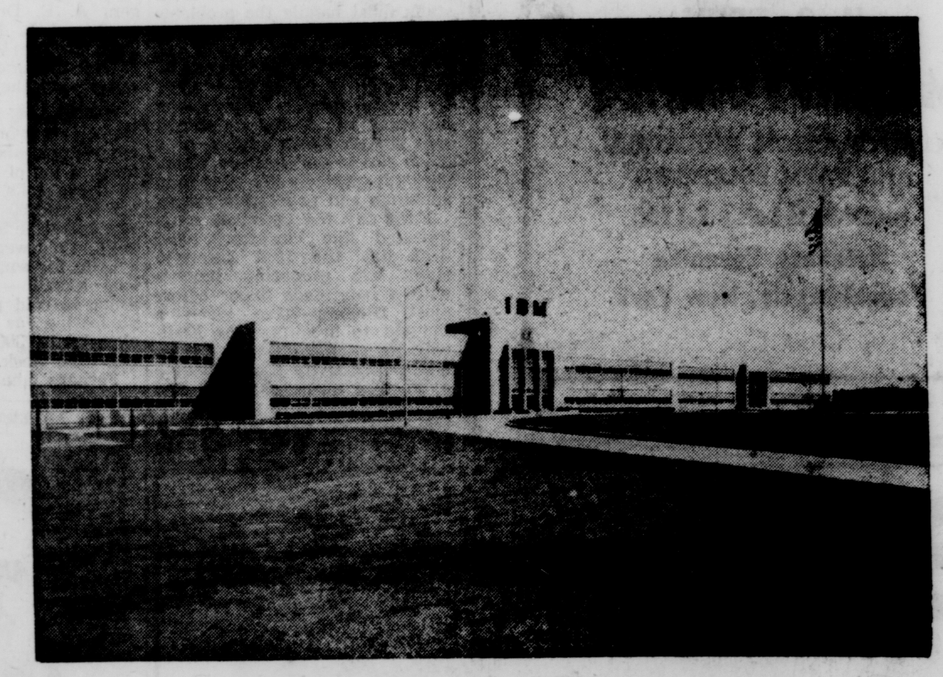

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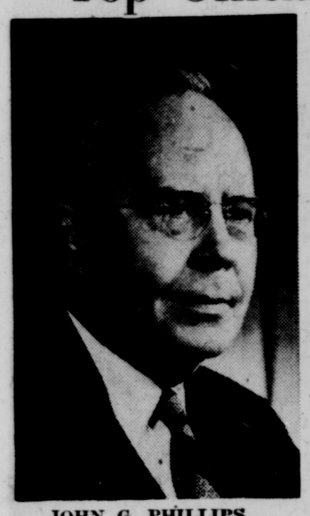
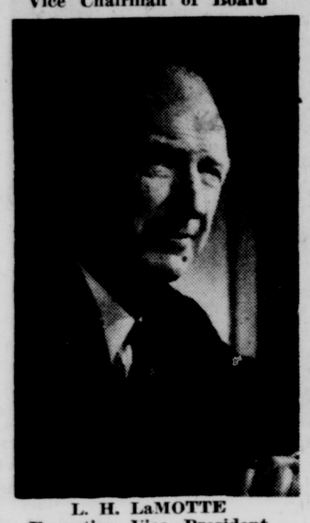


JOHN G. PHILLIPS
Vice Chairman of Board

ALBERT L. WILLIAMS
Executive Vice President



L. H. LaMOTTE
Executive Vice President

F. H. FICK
Executive Vice President

Cafeteria Staffs Busy From Noon to Midnight

"I don't know how I'll be able to do it. Imagine, 4,000 people for lunch," the housewife mumbled to herself.

"Let's see—I'll have to order 1,200 pounds of roast beef. I'll need potatoes, but how am I going to peel half a ton in time?

"Salad—I'll have to prepare about a thousand, and I'll order 95 dozen rolls and 240 quarts of ice cream.

"And I'll be able to use my new coffee pot, but I'll have to make more than 100 gallons."

The housewife mumbled again, twisted uneasily, and then awoke. Her chores had all been a nightmare.

To any housewife, preparing a meal of such proportions would be like a bad dream, but IBM's Poughkeepsie cafeteria staff prepares such a menu every day. Add to this job the work performed in IBM cafeterias in five other plants, WHQ and the laboratory facilities and it's easy to understand why the operation is one of the most challenging tasks in the company; and as anyone with any kind of appetite will agree, one of the most vital.

EVERY DAY thousands of IBM'ers receive their lunch, be it noon, 6 p. m. or midnight (for those who work night shifts), in one of the spotless, modern cafeterias located in or near the company's plants and laboratories. Preparing these meals is an exacting and extensive operation—a business within a business.

Each meal must emerge a perfect finished product. To prepare this product, cafeteria staffs must handle the problems of buying large quantities of the finest food, avoiding waste, and quickly preparing an appealing, well balanced meal. They must do it despite such troublesome incidents as electrical storms that curtail power supply, or a quick rise in temperature, which may unexpectedly decrease soup appetites and popularize salads.

Each day the performance is repeated like clockwork, and each day the IBM cafeteria staffs are preparing lunches with a homemade flavor before most IBM'ers have given a thought to breakfast. At Endicott, for example, the first rumblings of activity begin about 5 a. m. The ovens are fired and the baker begins to prepare the tasty desserts that will top off the day's meal. If the menu calls for roast beef, the roasting and soup preparation by the chef and the cooks will begin about an hour later. At the same time, a half ton of potatoes are peeled, by machine of course, while nearby the salad makers are busy preparing attractive cold dishes. Later, during mealtime, the sizzling pans of beef are removed from the ovens and sliced only seconds before being served to the passing line of diners.

What happens at Endicott after lunch? There are 16,000 dishes to be washed (more than an average housewife does in four months) tables and a kitchen to be cleaned, the next day's meat to be readied for cooking, food to be ordered, and perhaps the periodic inventory to be taken. Tomorrow's work is beginning—today.

A well deserved boast of all cafeteria staffs is that they have never missed preparing a meal on time—even in the face of some trying experiences. Once, at the WHQ cafeteria, which is managed by Mrs. Edith Breede, the power lines failed for a time over the weekend and on Monday morning the cooks were faced with spoiled food. However, with a willing assist from some speedy New York taxi drivers, they were able to rush in a supply of fresh food in time to prepare the afternoon meal.

In her nearly ten years as head of the WHQ cafeteria, Mrs. Breede estimates that she has planned a million-and-a-half meals. If the food trays were laid end to end, they would extend from WHQ to Endicott and back again. But her "shopping list" is only about one-fourth that of the Endicott and Poughkeepsie plants. Project Managers A. E. Drewett (at Endicott) and L. E. Tradewell (at Poughkeepsie) often do some mental arithmetic in the thousands when they shop for food.

HERE ARE A few items that might appear on a typical weekly order: three-and-one-half tons of meat, a ton of vegetables, about 90 dozen rolls and enough coffee for 10,000 cups, nearly 750 pies and some 5,000 containers of milk. Cold weather brings forth a taste for soup, about 500 gallons worth — summer months usher in cold plates and salads numbering as high as 5,000, along with 300 gallons of iced tea, each week.

Perhaps the average housewife is never faced with so serious a problem as lightning, but she often finds herself wishing she had two stoves and two refrigerators and an extra pair of hands when she is faced with preparing an unusually large meal. A glance inside any IBM cafeteria kitchen reveals a far cry from the housewife's compact model. The spotless areas are a panorama of stainless steel and glazed tile. Each includes a battery of ovens, ranges and deep-frys, and a row of shiny copper kettles.

The rooms are equipped also with the latest cooking utensils, dishwashing equipment, sinks, baking ovens and walk-in refrigerators. But, even in the most modern kitchen, there is nothing that will ever be able to tell quite so well as a chef when the soup needs that extra pinch of salt.

Manager Tradewell and his staff take pride in the pleasant surroundings of the attractively decorated, noise-free dining area, which is typical of all IBM cafeterias. At Poughkeepsie each day long lines of diners file through one of six serving lines at about eight persons per line per minute. The 1,100 seats in the away-from work atmosphere have almost a four-time turnover during the noon period alone, and lunches are served four times daily, from noon to 3 a. m. "It's like serving lunches around the clock," says Manager Tradewell.

AT KINGSTON is the newest, most modern of IBM cafeterias, which will be in use shortly. When the facilities are moved from their temporary home, the midday meal will be served in unique style.

"We call it supermarket technique," says Manager J. Towner. "Instead of passing through lines, our lunchers will take their trays to an area serving their choice of meal."

All cafeteria managers and chefs are constantly adding new dishes to the menu and comparing daily menus for new ideas. The wide difference in these menus across the country reveals tastes varying with the climate.

Most IBM'ers in New York state are quick to name roast beef as their favorite, while only a few hundred miles south, in the Washington plant, Cafeteria Manager Mrs. Jessie Richardson points out that ham steak, black-eyed peas and turnip greens are popular favorites. Other items that bring forth rave comments are southern-fried chicken, sea food, sweet potatoes, and, of course, hominy.

A platter of ham and beans with cornbread is the favorite dish of the hardy Hoosiers at Greencastle, reports Cafeteria Manager Rita J. Puryear. George Nixon, who manages the San Jose plant cafeteria, lists southern or Spanish-style food most popular, with barbecued short ribs a particular favorite.

However, as widely as tastes differ, IBM'ers across the nation agree about one item on their menus:

From Endicott to San Jose, apple pie is the king of desserts.

Weather by Automation

The Air Force is doing its best to disprove the saying that nobody does anything about the weather. For more than ten years, in fact, they have been keeping a weather eye on this fickle phenomenon and now have more than three hundred million detailed weather observations on IBM cards, which they have been using in climatological research.

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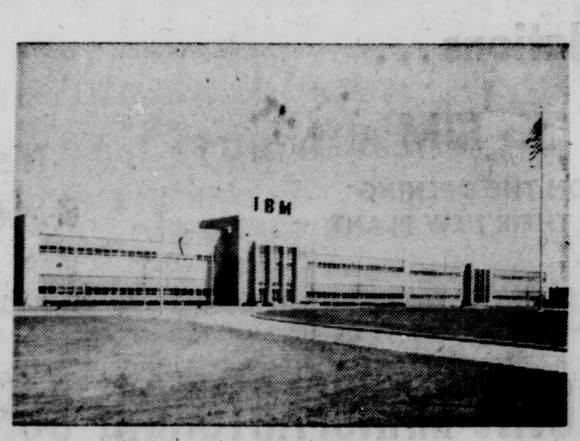

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Kingston, N. Y., Nov. 2 — With the coming of IBM to Kingston, all of the city and its immediate surroundings started to grow. New faces appeared almost daily in our Barber Shop and Beauty Shop. We became acquainted with many new friends and customers. All of whom have learned to live together in this new era for Kingston.

We salute the IBM acorn which has so swiftly grown into a mighty oak in our community . . . and, to the many new citizens it has brought to our midst, we wish the best of luck in their endeavors.

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R. L. Palmer, former Acting Director of Research since the Research organization's establishment in 1956, has been appointed Director of Research and Development Liaison.

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Robert P. Crago, general manager of the IBM Kingston Military Products Division, has advanced rapidly in IBM engineering and administrative activities during his seven years with the International Business Machines Corporation.

Mr. Crago joined the company as a technical engineer in the Electronics Laboratory at Poughkeepsie in August, 1949. Two years later he was promoted to project engineer at the Poughkeepsie Laboratory. In January, 1953, he joined Project High, working on the development of an electronic computer for the Semi-Automatic Ground Environmental (SAGE) Aid Defense System, and in July of 1953 he became manager of engineering design on Project High.

He was appointed manager of Project High engineering in February, 1955, which position he held until assigned to the Kingston Plant as assistant general manager in October of that year. On April 11, 1956, when Gavin A. Cullen was transferred to San Jose, Calif., Mr. Crago was selected to replace him as general manager of the Kingston Military Products Division.

A native of Pittsburgh, Pa., Mr. Crago was graduated from Roslyn, N. Y., High School. He was awarded a bachelor of science degree in electrical engineering by the Carnegie Institute of Technology and received a master of science degree in the same field from the California Institute of Technology. During World War 2, Mr. Crago served for two years in the U. S. Navy.

Active in professional, civic and social organizations, Mr. Crago is a member of Eta Kappa Nu and Tau Beta Pi, engineering honorary fraternities, the Institute of Radio Engineers, American Management Association, IBM Study Club, IBM Country Club and the Wiltwyck Golf Club. He is also a member of the board of directors of the Kingston Area Chamber of Commerce and the board of trustees of Kingston Hospital.

Mr. and Mrs. Crago reside with their daughter, Cathleen Wilson Crago, at 249 Pearl street, Kingston.

Richard J. Whalen, the assistant general manager of the Kingston Military Products Division Plant, was one of the first arrivals at the new IBM installation.

He came here in October 1954 as plant superintendent. About a year later Mr. Whalen was appointed manager of engineering and last April assumed his present position.

Mr. Whalen became associated with International Business Machines Corporation at the Poughkeepsie Plant in November, 1946. He first worked in the assembly department and then served as manager of calculator assembly, project engineer of electronic calculator engineering, project manager of electronic data processing machine assembly and manager of computer manufacturing at Poughkeepsie.

A native of Poughkeepsie, Mr. Whalen was graduated from Arlington High School. He holds a bachelor of science degree in electrical engineering from Clarkson College of Technology, Potsdam, N. Y. During World War 2 Mr. Whalen served in the U. S. Army Signal Corps.

He is a member of the Kingston Area Chamber of Commerce, the Institute of Radio Engineers, the IBM Country Club, IBM Study Club, Rotary Club and the Mid-Hudson Chapter of the Clarkson Alumni Association.

Mr. and Mrs. Whalen and their four children reside in Hurley.

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Education Is Key Word in Story Of Growth of IBM Corporation

Classes Are Held In Many Subjects

Education has become a key word in the story of the growth of International Business Machines Corporation.

At the Kingston plant and at IBM installations everywhere, training classes in a variety of subjects are conducted by the IBM Education Department.

And as young as the Kingston IBM organization is, rapid expansion of its educational facilities, personnel and students has prevailed.

The educational programs have grown to the extent that approximately 1,800 persons—in the Kingston Military Products Division and the Electric Typewriter Division are curently participating in the curriculum of the Department of Education or Field Engineering Education. More than 90 persons are now employed as instructors or in administrative capacities in the educational field at IBM Kingston.

Field Engineering Education, which prepares engineers to maintain the air defense computers at Air Force site installations, has three training programs. They are computer systems training, computer unit input-output training and computer unit display training.

Eleven programs are conducted by the IBM Kingston Education Department in such fields as basic programming, management development, general education, general organization training, job training, pre-field engineering training, computer engineering training, engineering technician training, automation teachnician training, electronic technician training and engineering seminars.

The fact that almost a thousand Kingston IBM'ers took advantage of the voluntary afterhours courses in general education alone and 1,058 completed courses during the 1955-56 semesters graphically illustrates the interest of the employees to further educate themselves.

EDUCATION IN IBM dates back as early as 1916. In February of that year a one-month study session for salesmen in the Tabulating Machine Division was held in New York city. Sixteen young men were enrolled in what was called the first school.

Weeks later another group of fourteen students was launching a study course in time recording machines. The since-abandoned scale division also joined the education movement with a school for junior salesmen.

Two years later a group of executives convened in New York for a one-week training session, and in 1920 this second program was installed on a permanent basis.

It wasn't many years later that Mr. Thomas J. Watson Sr. saw a need to channel the educational program in a new direction. The men on the firing line of the company's manufacturing efforts—the factory supervisors and foremen—trooped to New York to attend a school held in their behalf.

Next came a formal program of sales and service instruction, inaugurated at Endicott in 1927. Teher were 140 students in that class. The following year still another area of job training was born with the commencement of a 16-week course in Customer Engineering.

But these developments in applied business training were only a beginning. A concept, revolutionary at the time, was beginning to solidify. From his earliest days with the company, Mr. Watson had been urging employes to educate themselves beyond the call of business duty. He had, for instance, ordered placed in an accessible spot in the factory hallways at Endicott a rack filled with magazines of general interest.

THE RESULT of this and other stimuli was the formation of an after-hours Study Club at Endicott. Then came the Owl Club, brought into being by the New York employes themselves to serve as a refresher course in the applications of IBM machines.

In its spread to Endicott and subsequently to other points of IBM influence, the Owl Club became one of the company's proudest associations. It gave IBM'ers an opportunity to study, without cost, subjects of general interest. Today, the offspring is a Department - of - Education-directed adult education program with courses that vary from public speaking to blueprint reading, from typing to advanced applications in engineering.

As the company matured, management training crystalized. In the early days of Mr. Watson's leadership, managers had been periodically called together for study of their responsibilities under his tutelage. In 1930, regular classes were instituted.

NEXT CAME the customer. As early as 1918, a school for card punch operators had been organized by the Springfield, Mass. office. Regular classes for operators ranging from 20 to 150 hours of instruction commenced in 1929. In 1936 a larger segment of the customer force was offered opportunity to learn more about the applications of the machines. Housed and fed by IBM, customers were invited from far and wide to take part in the Customer Administrative Program to learn new ways of utilizing electric and electronic accounting machines and to exchange information.

These were the milestones along the IBM educational road. But as the company grew, the pathway stretched into new terrain. Extension training, new job training courses, manufacturing courses, general engineering training, apprentice training, engineering orientation, engineering seminars, a program aimed at furnishing the requisites for advanced engineering degrees for students working in IBM labs and plants became realities. Today the road ahead is being projected still further at conferences of the Education Department.

Where does it end? There probably is no end, Mr. Watson built his program in the belief that "there is no saturation point in education."

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BECAUSE of his ability, his unerring judgment of markets and of men, and his remarkable capacity for inspiring the loyalty and faith and enthusiasm of his associates, IBM has set a pattern of progress which commands the admiration and respect of the world, and a plan for harmonious working relationships which is the envy of industry everywhere.

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Electronic Brain Will Guard the United States

IBM's Key Part Of SAGE System

Representatives of leading magazines and newspapers, many who had flown hundreds of miles for the occasion, saw the highly classified electronic Semi-Automatic Ground Environment (SAGE) System at its home, the Lincoln Laboratory at Lexington, Mass. The date was Monday, January 16, and for the first time this closely guarded building, which is part of Massachusetts Institute of Technology, was opening its doors for a news conference.

In addition to briefings by top SAGE authorities and question-and-answer sessions, which in all lasted almost six hours, the newsmen saw many of the previously highly classified segments of the system. In tours through the closely guarded building they were shown the operation of the radar equipment and, in a huge room that takes up one-half of one floor of a large, windowless building, they saw a key part of the system—a giant computer built by IBM.

When the Lincoln Laboratories first turned to the job of creating an impregnable system of air defense for the U. S. Air Force, their scientists used a computer to process the large quantities of all kinds of air-defense data. Later, a giant computer planned by MIT specifically for the air-defense problem was designed and built by IBM.

Here are the facts that can now be told about the SAGE system and IBM's role, which in company circles—particularly in IBM's Military Products Division—is called "Project High":

A number of these computers will add strength to a defense "chain" being built around this country. This "chain" is part of a continental barrier against an attack from the air.

The barrier begins in the cold, barren tundra of Canada's Arctic, where piercing electronic eyes of radar keep constant watch over the skies. Called the DEW (Distant Early Warning) line, this barrier against invasion will be linked closely with a second defense—the Mid-Canada Line—destined to gird Canada's central regions. Still a third chain of warning, the Pinetree Line, stretches along the U. S.-Canadian border, guarding key cities and industrial centers from sudden attack.

The air-defense chain in which the computers are destined to play a vital role will be comprised of: radar installations along shores and inland to provide blanket coverage across the country; man-made islands offshore — "Texas Towers" — to house complex radar equipment; naval picket ships, loaded with radar equipment, to pace ocean shores; planes to patrol the seas; and Ground Observer Corps volunteers to scan inland skies around the clock.

THE COMPUTERS, as the key to a unified information-receiving system, will sort and classify information on what is happening in the skies at tremendous speed. Based on this information the Air Force can send interceptor fighter planes, manned by pilots who have been on a twenty-four-hour alert, into the sky toward an enemy and also can activate other defensive weapons.

When the Air Force first began planning a system of strategically located radar outposts that could send information back to operational centers, the staggering amount of information that each center would be required to process became apparent. Keeping an ever-vigilant watch over the skies would necessitate an astronomical amount of checking and rechecking.

Astronomical in terms of human abilities, perhaps . . . but the Air Force looked for an answer in the area of automation. Tests conducted at Lincoln Laboratory by MIT and the Air Force proved that a very large-scale, high-speed digital computer could provide the degree of automation required.

IBM was asked by the Air Force to turn its talents in the field of computer design to the air-defense problem; thus Project High was born.

The subsequent growth was far from a simple task. Robert P. Crago, General Manager of the IBM Kingston Military Products Division, emphasized that from the beginning the group set out "to produce the best computer ever made."

THE DEDICATED TEAM forged steadily ahead with the revolutionary project. In an astonishingly short time the tremendously advanced computer was developed and built.

This is one of the world's largest computers. Even several of IBM's commercially available giants working together could not replace it.

The complex system has been built to operate as a fabulous sentinel. It reacts to everything going on in the far reaches of the sky. Should it find anything amiss, it will provide information with which the Air Force can make decisions on the action to be taken.

If, from the vast flow of information constantly received by the system, the presence of an unidentified aircraft—or, amazingly enough, a number of different aircraft—is revealed, the machine will:

Make, in a fraction of a second, the complex calculations required to alert friendly interceptor planes.

Assist in guiding these planes to each of the hostile targets.

Instruct friendly planes returning from their mission on the best return path.

This split-second action is a vital part of a center always geared to swift activity. Air-defense data received by input units is stored on large magnetic drums. This information is then put in the most useful form for human observation by the computer. It is then directed to cathode ray tube consoles, where an Air Force specialist constantly watches for airborne targets mapping themselves across a television-like screen.

Alphabetic and numeric information glows on the face of the screen.

THE CORE MEMORY arrays are the actual nerve centers of the entire storage system. Here, layer upon layer of frames are stacked much like the frames in a beekeeper's apiary. Much more precious than honey is the product closely beaded in the arrays. Here are threaded tiny ferrite cores, which store vast amounts of information for this defense computer. A single frame contains 4,096 tiny cores, each capable of storing one bit of information available for instant recall.

Magnetic drums are used as further storage facilities. Even though half a million bits of information can be read into a single drum in twenty milliseconds, these drums are called "medium-speed" storage devices—medium speed because ferrite core memory components can be utilized by the computer with even greater rapidity.

The complete installation contains a multitude of display consoles, in addition to a wide variety of power units, drum storage units, input units, output units, and central computer units.

The computer has been designed so the Air Force can place twenty-four-hour-a-day, seven-day-a-week operating responsibility on it at its installation site, known as a subsector.

Mr. Crago points out that this ability of the computer to remain in constant operation has been obtained by basing its design on a duplex concept that permits the operators to switch automatically from one independent operating system to another, permitting maintenance on individual components.

Added precautions were taken by building into the computer a system that could search automatically for conditions that indicate a unit may soon lose peak operating efficiency. "Basically, the machine is built to tell operators that it is operating satisfactorily or to indicate potential trouble spots. It is continually checking itself," Mr. Crago explains.

IN EVERY RESPECT, the builders have looked far into the future. A life-testing laboratory for all components, including tube-testing facilities, has been established to seek out hidden weakness that otherwise might not become apparent for some time. IBM punched card equipment is used to record and correlate the latest data resulting from the exhaustive tests.

As the giant computers take final form, another vital area of IBM's responsibility in this project comes to the fore—installation and maintenance of the vast array of equipment.

The big job will be handled by Field Engineers of the Kingston Military Products Division.

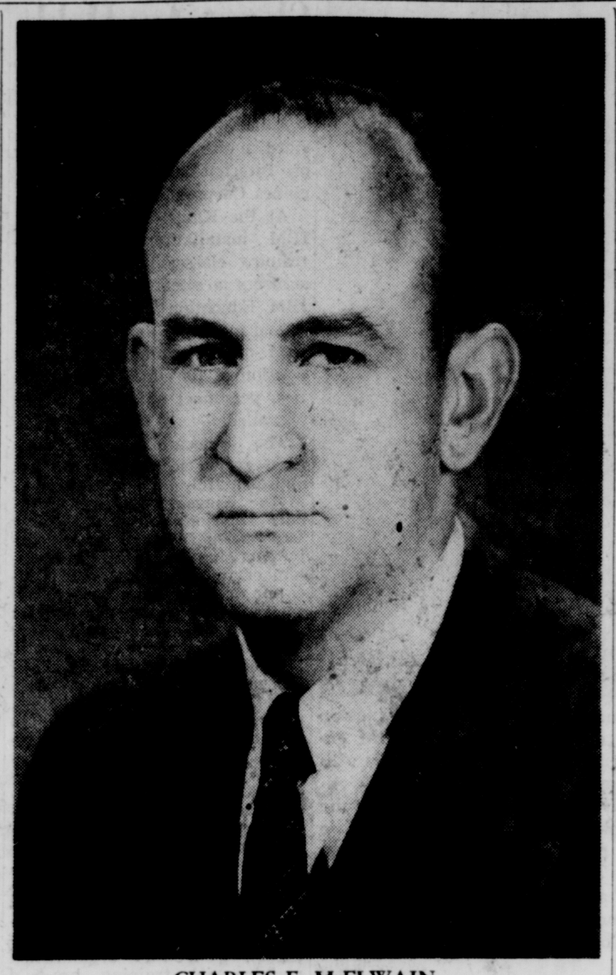
Plans have been blueprinted for placing men trained especially for this work at the numerous subsectors. A large-scale training program, under the direction of Manager of Field Engineering Ralph C. Sampson, has been inaugurated. In increasing numbers, groups of Field Engineers will report to IBM Kingston to attend company schools giving comprehensive courses, which vary from three to nine months in duration.

By the time the program reaches its peak, some 650 men will be in training at one time. Twenty-five new classrooms and laboratories are the headquarters for these men who some day will have a large share of the tremendous responsibility of maintaining these essential systems in the nation's defense.

The extensive Field Engineering program will require extremely close coordination.

However, teamwork long has been the byword for all the people working on Project High. For these IBM'ers, close coordination has been the key to developing the world's largest and most vital computer in such an amazingly short time, a job that called for speed and reliability in the interests of the country's safety.

Ralph Harris Jr., who has been manager of District 4 with headquarters in Philadelphia since late last year, has been named to succeed G. P. Lovell as the new IBM director of education at Endicott.



CHARLES F. McELWAIN
General Manager, Military Products Division

Charles F. McElwain has been with IBM since 1923 after having attended Duquesne University and Carnegie Institute of Technology. He served as a Customer Engineer in Pitttsburgh, Indianapolis and San Francisco and later was made Southern District Supervisor of Customer Engineering.

In 1932 he was made chief inspector at Endicott and later became supervisor of assembly. In 1942 he gained valuable experience in IBM defense work when he was named supervisor of ordnance. A year later he was promoted to plant superintendent. In less than three years from that date he was named Works Manager and in 1951 he again became a central figure in the military products picture as manager of defense engineering.

When the announcement was made of Mr. McElwain's appointment to the highly responsible post of general manager of the new Military Products Division, the late Thomas J. Watson, then Chairman of the IBM Board, said, "I don't know of anyone in this organization who is better qualified for the job. I think I speak for all IBM'ers when I say I am delighted Mr. McElwain has been given this position."

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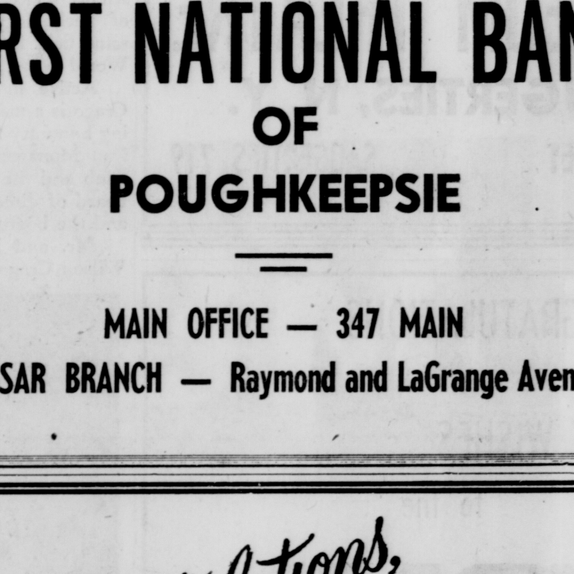

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IBM Started Trend In Colored Machines

Psychologists generally agree that color has an important effect on human moods and actions. The functional use of color has been the subject of numerous studies in the past 25 years with the result that industry is using more color in consumer products. In virtually all our physical surroundings we have found more color.

International Business Machines Corporation, leading manufacturer of electric typewriters, points out that color is playing an increasing part in office decor and efficiency. Nowhere has color been more discernible than in the modern business office. A two-year study made by the U. S. Public Health Service involving employes in a government office, indicated that color conditioning resulted in an average 5.5 per cent increase in employe efficiency.

IBM started the trend toward colored office machines by introducing a streamlined gray model in 1948, to replace a black model. Black had been the color used on most office devices before.

In 1949 the company added more colors to the line. Today, the company offers seven typewriters in pastel shades. They are two shades of green, two shades of blue, yellow, tan and gray.

The company's sales of colored electric typewriters have increased rapidly with gray still leading the field. The lighter shade of green is a strong second and tan is third. A dark blue, another green and a light blue follow in popularity.

H. WISNER MILLER JR.
General manager Electric Typewriter Division

H. WISNER MILLER JR., IBM vice president and general manager of the Electric Typewriter Division, began his career as a salesman in the New York office following his graduation from Princeton in 1937.

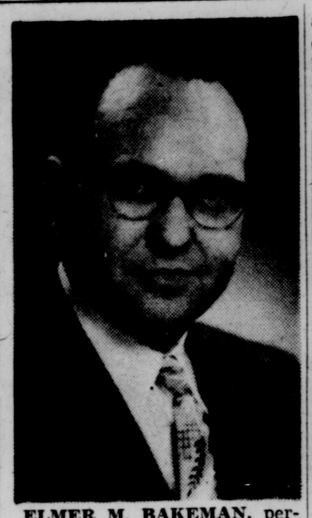
In 1939 he led the nation in the sale of IBM electric typewriters, a record which led to his appointment as ET Sales Manager at Detroit the following year.

After service in the Navy during World War 2, Mr. Miller returned to IBM as Assistant Manager at the New York sales office, and was appointed General Sales Manager of the Electric Typewriter Division less than two years later.

When the Division was reorganized in 1955 as a completely autonomous operation with administrative structure separate from other divisions of the company, Mr. Miller was appointed General Manager.

In August, 1956, he was appointed as a Vice President of IBM.

Mr. Miller resides at Cedarhurst, N. Y. with Mrs. Miller, their two sons, and a daughter.



ELMER M. BAKEMAN, personnel manager of the Electric Typewriter Division of International Business Machines Corporation, is a member of the company's Quarter Century Club.

A native of Binghamton, N. Y., Mr. Bakeman was educated in Binghamton area schools. In addition, he has attended a number of IBM schools.

He joined IBM as an assembler at Endicott in 1929. He served the firm in a number of responsible positions before being transferred to Poughkeepsie in 1946 where he assumed the post of technical engineer in the Assembly Analysis Department. In 1947 he was assigned to final inspection on the Electric Typewriter. He later served as a project manager in the Machining and Processing Control Department, a position he held until promoted to his present position in 1955.

Mr. Bakeman's IBM affiliations include the IBM Country Club and IBM Study Club.

He resides with his wife in Hurley.

RICHARD A. SHUMWAY, administrator of the Electric Typewriter Division Engineering laboratory, started his career with International Business Machines Corporation in April, 1947, as a customer engineer.

For three years, until 1950, Mr. Shumway worked in the San Francisco, Calif., area before being transferred to Poughkeepsie as a technical engineer in Electric Typewriter Customer Engineering. In 1952, he became technical assistant in ET Engineering at Poughkeepsie and last year was appointed to his present position.

Mr. Shumway, a native of Cefalu, Sicily, is a graduate of Santa Barbara, Calif., High School and holds a bachelor's degree in electrical engineering from the University of California.

He is a veteran of three years service with the U. S. Navy during World War 2.

Mr. and Mrs. Shumway reside at 77 Collegeview Ave., Poughkeepsie. They have three daughters.

RONALD D. DODGE, senior development engineer in the International Business Machines Corporation's Electric Typewriter Division at Kingston, is better known to his associates as "Mr. Electric Typewriter" because of his many contributions to the development of the Electric Typewriter. In addition to his work on the design and development of the proportional escapement mechanism, which contributes greatly to the scientific perfection with which the IBM Electric Typewriter operates, and for which he received a coveted Franklin Institute Award, Mr. Dodge holds 27 typewriter patents. He was among the first to promote electronic analysis of typewriter carriage returns and tabulator systems.

Mr. Dodge graduated from the Rochester Institute of Technology in 1929. He joined the International Business Machines Corporation as a designer in 1933 and in 1942 was made assistant to the chief engineer at the Rochester plant. In 1944 he was placed in charge of the Electric Typewriter development at the Poughkeepsie Laboratory and one year later was appointed senior engineer.

Mr. Dodge is a member of the IBM Study Club, IBM Country Club, and the American Society of Tool Engineers.

He lives with his wife and their two children at 64 Boardman Road, Poughkeepsie.

THE ATTORNEY for the Kingston Military Products Division Plant is George M. Newsome, who has been employed by International Business Machines Corporation for more than 10 years.

Mr. Newsome joined the organization at Washington, D. C., in September, 1945. He was admitted to the bar in 1948, and the same year he transferred to the IBM Legal Department. He was subsequently assigned to the Legal Department of the Poughkeepsie Plant, and became plant attorney at IBM Kingston in November.

Mr. Newsome attended Southern Union College and holds an LL.B. degree from George Washington University. He has taught law courses in the IBM School at Poughkeepsie.

He is a veteran of more than three years Air Force service during World War II.

Mr. Newsome, his wife and their two children reside in Pleasant Valley.

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MACHINE ACCOUNTING — Payrolls, personnel statistics, accounting, quality control analysis and other information are processed by the IBM punched card method in the Machine Accounting Department. Equipment visible in photograph includes sorters, collators, reproducers, interpreters, card punches and card files.

New Electric Accounting Machine Supplies Division

In fulfilling an ever-increasing product demand, American industry finds itself becoming larger and larger, while its chains of command correspondingly become more and more extended. As one of the country's fast-expanding companies, IBM has responded to this problem by creating autonomous divisions within the organization. One of these is the Electric Accounting Machine Supplies Division.

Official announcement of the New Division came from IBM President Thomas J. Watson Jr. at a luncheon in New York's Metropolitan Club. Named by the IBM President as General Manager of the new Division was Robert Y. Cadwallader, formerly Manager of District 9.

Mr. Watson described the formation of the new Division as "another tremendous step forward for the company." He said that the people in the EAM Supplies section of the business represented a rapidly expanding segment of IBM. This expansion, he declared, has resulted from a steadily growing need for IBM supplies due to the increased demand for IBM products and services. Mr. Watson added that the new organization will have the same autonomous operation as the company's recently formed Military Products Division and Electric Typewriter Division.

"I congratulate Mr. Cadwallader and the wonderful team in the Supplies Division who have earned this distinction," declared Mr. Watson.

THE EAM SUPPLIES Division, which consists of some 1,700 IBM'ers, will be responsible for the manufacture and development of all supplies for IBM Electric Accounting Machines and electronic computers. This supply business previously was handled by the EAM Division. These supplies include punched cards, magnetic tape, and other media through which both business and scientific data are introduced into the machines.

The members of the new Division will supplement the work of the EAM Division wherever possible. While EAM branch office personnel will continue to market the supplies, extra sales assistance will be furnished by representatives of the new Division stationed throughout the country.

Card manufacturing plants of the Division are located at Washington, Greencastle, Endicott, and San Jose; a Magnetic Tape Testing Center is situated at Minneapolis.

Paying tribute to the EAM Supplies personnel, Mr. Cadwallader emphasized: "I am particularly impressed with the high degree of morale and enthusiasm these people have shown. They have made a significant contribution to the growth of the company, and the expansion of this area of IBM has paralleled that of the company generally."

The new General Manager outlined the objectives of his Division clearly:

Help provide even better service for all IBM's customers.

Supply sales assistance for the IBM sales force.

Plan for future markets by developing new techniques and materials.

Maintain the flexibility needed for future growth.

In preparing himself for his new post, Mr. Cadwallader spent 16 years working for IBM in various field positions. Having joined the company in 1940 at Chicago in a sales capacity, he became Assistant Manager at South Bend in 1944 and later was made Manager. He became Assistant Manager at Chicago (D) in 1950, and then Manager of Chicago West. In 1952 he was appointed to Manager of District 9, with headquarters in Minneapolis.

AIDING THE General Manager in the operation of the new Division will be Controller M. H. Bigay, previously Regional Controller in Kansas City; Engineering Manager H. A. Jurgens, formerly Manager of Card Engineering; and Manufacturing Manager J. J. Phillips, previously Manager of the Greencastle plant. Succeeding Mr. Phillips as Greencastle Manager is E. L. McCall, formerly Assistant Manager of Card Engineering.

Mr. Bigay, in his new position, will supervise the financial activities of the Division. He joined IBM in 1947 as a Machine Records Department Clerk, WHQ, the next year becoming a Junior Auditor. He became a Senior Auditor in 1950, later holding a post as Technical Specialist in the Methods Department. In 1952 he was named Manager, District 6 Accounts Office and in 1954, Regional Controller, Kansas City.

In his new assignment, Mr. Jurgens will be responsible for the research and development necessary for an expanding organization. He joined IBM as a member of the Customer Engineering organization and, upon completion of training, was assigned to the St. Louis office. He next became Manager of Customer Engineering in Caracas, Venezuela, and later returned to St. Louis as Customer Engineering Field Supervisor.

Succeeding assignments took him to Endicott as an Instructor, then to the Laboratory there as Electrical Designer, Project Engineer and later Development Engineer. In 1952 he became Assistant Manager of the Laboratory in Charge of Engineering Planning and two years later was made Manager of Card Engineering.

Mr. Phillips, who will supervise the manufacture of all EAM Supply Division products at each of the organization's plant facilities, is also a one-time Customer Engineer. He joined the company in 1939 at Akron, Ohio. After completing his training, he was assigned to the Cincinnati office.

In May 1943 he was given military leave of absence and served for three years with the Air Force. Upon his return to IBM, he was assigned once again to Cincinnati. Later that year, he returned to the scene of his early IBM training — Endicott — where he was assigned to Electronic Accounting Machine Assembly. In February of the following year, he was named Manager of that Department. In November 1949 he became Manager of 407 Accounting Machine Final Assembly and early in 1951 was made Project Manager of EAM Assembly and Test. In 1953 he was named to the post of Manager of the Greencastle Plant.

MR. McCALL, the new Greencastle Manager, joined IBM in 1941 in Washington, attended Class at Endicott, and returned to Washington as a Customer Engineer. He entered the Navy in 1942 and returned to Washington in 1946. Promoted to Field Supervisor in 1949, he was named Technical Assistant to the Washington Plant Manager in 1952. In 1955 he was appointed Assistant Manager of Card Engineering.

The feelings of these men, and all the other personnel of the EAM Supplies Division, were probably best expressed by Mr. Cadwallader, who pointed out at the luncheon that every member of the Division realizes he has been given a challenge, presented with an opportunity, and at the same time handed a great responsibility.

M. A. Beesinger has been promoted to District Manager of District 4, with headquarters in Philadelphia. He formerly was Branch Manager at the Philadelphia Downtown office.

Research Goes Suburban

On a 224-acre Westchester county site, spotted with two brooks, a small pond and cleared fields bordered by rows of trees, construction will soon begin on another IBM research center. The site is Yorktown—thrity-eight miles north of New York city — and it will house some 1,600 persons and serve as a base of operations for an engineering group created earlier this year and headed by IBM Director of Research Dr. Emanuel R. Piore. Purpose of the new center will be to consolidate all fundamental research aimed at improving the company's products and to form the hub of all company research activity.

The first IBM Electric Typewriter to be produced at the IBM Electric Typewriter plant in Kingston was purchased by the Kingston Trust Company in Kingston.

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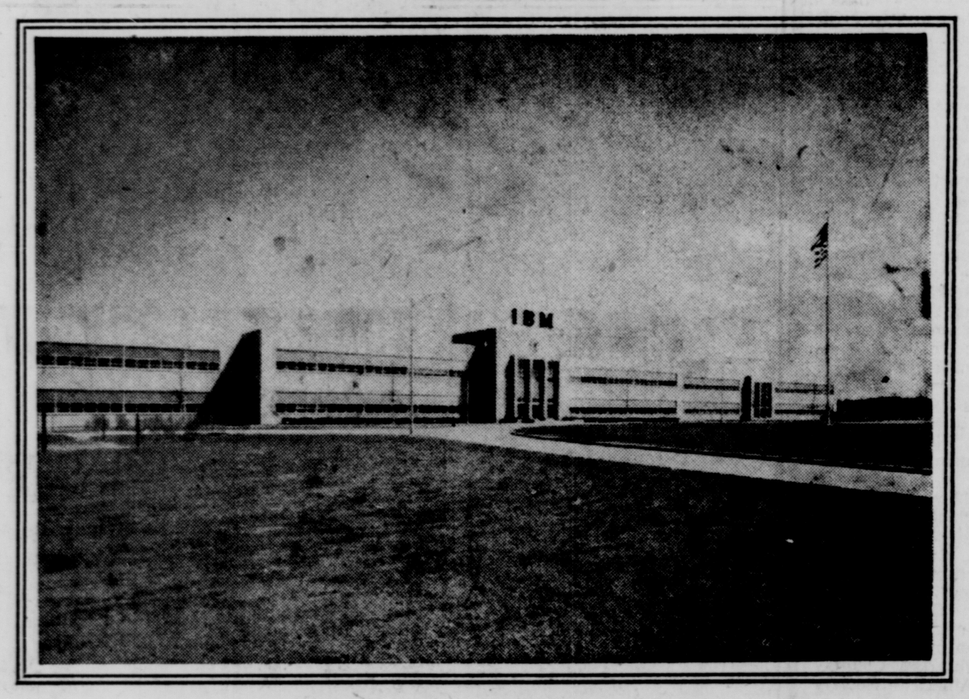

To International Business Machines and its Military Products and Electric Typewriter Divisions a deserved "Well Done".

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A GIANT STEP FORWARD IN THE INDUSTRIAL GROWTH OF THIS AREA

THE IBM 650 MAGNETIC DRUM DATA PROCESSING MACHINE, a data processing machine for commercial use, consists of three units. The drum and electronic calculating components are housed in two separate cabinets, one of which is provided with a console. The third unit provides input and output facilities.

This machine is designed to meet the vast accounting and computing requirements in areas between those now served by the company's "giant brains" and its widely-used smaller machines. It has up to 20,000 memory positions which are used for storage of data and operating instructions.

Customer Engineers Help U.S. Navy Aim Its Guns

Every few minutes a sharp explosion echoes throughout the white two-story building. It is the report from an eight-inch 55 caliber gun firing from a battery less than 400 yards away. In a room on the first floor of the building a group of men intently assembling and testing electronic components scarcely notices the sound.

This is the Computation Division at U. S. Naval Proving Ground, Dahlgren, Va., the new home of the Naval Ordnance Research Calculator (NORC), built by IBM for the navy. Here, intermittent day and night "fireworks" of guns at a nearby, but safe, distance are routine.

THE WORLD'S fastest computer, which was formally turned over to the navy in Dec. 1954, was transferred to Dahlgren in 1955, where it performs intricate ballistic computations and be used to solve other vital defense problems, some requiring billions of calculations.

"The firing bothered us the first few days, but now we wouldn't notice it if one of them went off in the same room," exaggerates tall, broad-shouldered William D. Reese, Jr., one of five IBM Customer Engineers who, together with engineers from Watson Laboratory at Columbia University at navy personnel, are installing the computer.

Last March these five Customer Engineers, with the group of engineers from Watson Laboratory, accompanied NORC to the Proving Ground after it had been disassembled at Watson Laboratory and shipped in a fleet of seventeen trucks to its final home.

The Proving Ground at Dahlgren is located some fifty-five miles south of Washington, D. C., on a bend of the Potomac river. The site commands a down-river firing range of 90,000 yards extending into Chesapeake Bay. Within the confines of the 3,000-acre base there is a complete community, with churches, stores, a hospital, cafeteria, and a number of private homes. At the Proving Ground the navy tests the fleet's ordnance materials—shells, rockets, bombs, guns, mounts and launchers. NORC is being added to other machines already in use at Dahlgren computing problems in ballistics and other mathematical fields.

"Coming to Dahlgren was like coming home to me," said dark-haired John L. Lavin. "I've been here since 1951 as a resident Customer Engineer servicing Dahlgren's EAM equipment, and I own a home just outside the gate."

Bill Reese is the only other member of the CE team who had been to Dahlgren before, on calls from the Washington Federal office, where he was previously located. Edward J. Madonna and Daniel R. Strickland relocated from New York — World Headquarters and the Garden City office. Richard P. Ullrich, the last CE to join the team, came from Decatur, Ill., where he was assigned to the Springfield office.

THREE OF THE TEAM—Reese, Strickland and Ullrich—are now neighbors, living on the same street in the resort town of Colonial Beach, a half-hour drive from Dahlgren. The only bachelor of the group, Ed Madonna, lives in the civilian dormitories on the base.

For the three neighbors, the average working day begins with the sound of an automobile horn just before seven o'clock. Each owns an automobile and takes his turn driving the others to work. In the parking lot just outside NORC's home, they usually meet their two fellow Customer Engineers, who have had less than a five-minute trip.

By seven-thirty, NORC's room is alive with activity—often as many as thirty-five men are busy, testing and wiring the electronic components or constructing the special floor and ceiling. Twelve of the group are IBM'ers: the five Customer Engineers, and Watson Lab Engineers W. J. Deerhake and C. R. Borders (supervising the installation); K. A. Bell, J. T. Fernalld and J. C. Dohm (supervising the electrical installation); and J. F. O'Toole and R. W. Rambo (supervising mechanical assembly). The remainder is civilian personnel employed by the navy —five engineers, a dozen technicians, welders, carpenters, and other mechanics.

In a few short months, the NORC room has been converted from something resembling a storage warehouse to an impressive salon-like room. The grey, vinyl-covered units of NORC are complemented by the room's pastel green walls. Fluorescent ceiling lights cast a warm glow over the machine and the men who are putting it into final form.

MUCH OF THE morning is devoted to classroom sessions at which the IBM engineers instruct Navy personnel in operation and maintenance of NORC. After class, Navy technicians work side by side with Customer Engineers to supplement classroom sessions with practical experience.

At noon a whistle blares a forty-five-minute lunch period and the men emerge from the coolness of the air-conditioned NORC room into balmy Virginia sunshine. It's a quick mile drive to the civilian cafeteria where the IBM team stops for lunch. When the whistle blares again, the guns resume their activity, too, but their pace usually quickens and the reports come at shorter and shorter intervals.

"The gun firing is actually making problems for NORC to solve," explains one of the Navy electronic engineers. The firing is done to test a fixed percentage of all shells to assure that perfect ammunition reaches the Navy's fleet. In some cases, the guns are firing new-type missiles still in the experimental stage.

In addition to testing ammunition the gun batteries obtain data on projectiles' flights. Split-second devices record a missile's path as it leaves the gun. This data will be supplied to NORC, whose prodigious capacities will be used to help prepare complex range tables, which are used aboard ships to determine the firing angle necessary to hit a target. In rapidly preparing these tables, NORC will evaluate the exact position of the missile in every moment of its flight, taking into consideration such variable factors as weather, wind, temperature, air pressure, and muzzle velocity.

The preparation of range tables is only one of many tasks being performed by NORC. The services of this world's fastest computer are in great demand and the Bureau of Ordnance has many requests from other military groups for its use at Dahlgren. NORC's speed will be applied to important and extensive problems pertaining to the nation's defense, including such vital computations as those concerned with atomic power.

TRANSLATING the mass of figures and data into NORC language is the work of a dozen mathematicians and programmers in the Programming and Coding Branch. The mathematicians all studied at Watson Laboratory. Now, in their second-floor offices above the NORC room, these men are working full time to program the problems for the calculator.

During the afternoon, the steady pace of activity continues until four-fifteen, when a whistle signals the end of the day's work.

"It seems like the middle of the afternoon when we finish," says Customer Engineer Madonna, "because the surrounding area is on Standard Time while the base is on Daylight Saving Time. It's three-fifteen when our work day is over. (The base maintains Daylight Saving Time because of close contact with Washington, also on DST.) That gives me plenty of time to get in a game of golf before dark."

Golf, a game of softball, a dance at the Officers' Club, or a movie are some of the amusements that keep the Customer Engineers busy in their off-hours. Some enjoy boating in the nearby Potomac or automobile rides through the beautiful countryside surrounding the base.

However one of the favorite family sports is watching occasional nighttime "fireworks" with the children.

"From a safe distance miles away there's a fine view of the night firing," says Bill Reese, whose seven-year-old daughter has a "Fourth of July" the year round.

KENNETH B. ROBINSON, a veteran of nearly 20 years in IBM's Customer Engineering activities, is the manager of Field Engineering Education at the IBM Kingston Military Products Division Plant.

Mr. Robinson began his career with the International Business Machines Corporation as a customer engineer for the Proof Machine Division on March 11, 1935.

After completing his training, Mr. Robinson was sent to New York City as a customer engineer. From August, 1937, until September, 1939, he served as a systems service representative and customer engineer in Milwaukee, San Francisco, Portland and Seattle.

Following additional training and positions in Portland and Chicago, Mr. Robinson was transferred to Endicott in June, 1942, as a customer engineering instructor. In October, 1950, he was advanced to supervisor of customer engineering manual preparation and in March, 1953, Mr. Robinson was made chief instructor of customer engineering in the IBM Department of Education at Endicott. He held this post until he was transferred to Kingston in January, 1955.

A native of Endicott, Mr. Robinson was graduated from high school there and attended Virginia Polytechnic Institute and Lehigh University. He is a member of the American Ordnance Association, the New Paltz Chamber of Commerce, Theta Xi fraternity and the IBM Country Club.

Mr. and Mrs. Robinson and their son and daughter make their home in New Paltz.

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Navy Demonstrates IBM 702 Electronic Data Process Machine

Electronic Brain Seen in Action

Philadelphia — The Navy recently demonstrated how an electronic brain is used to provide the thousands of Naval aircraft based around the globe with parts and equipment they need, when and where they need them. Members of the press watched while an IBM 702 Electronic Data Processing Machine aboard the Navy's Aviation Supply Office here went through its paces at incredible speeds, automatically helping to see to it that jet fighters patrolling the Formosa Straits, or training planes based at Pensacola, have what it takes to keep them in top condition at a minimum cost to the taxpayer.

Rear Admiral Frederick L. Hetter, commanding officer of ASO, told the group attending the demonstration:

"The supersonic age in aviation has led to electronification of our supply procedures. The support of the complex jet aircraft the Navy has deployed throughout the free world today presents the Navy's supply personnel with procurement and distribution problems which cannot be properly solved without highly automated data processing systems."

THE ADMIRAL went on to say that the years of planning and research that have gone into the establishment of its present computing techniques have paid off in more reliable and timely answers to an increasing number of problems. As a result of this success, the admiral added, the Navy is going ahead with a considerable expansion into automated business procedures.

The ASO operation is said to be one of the largest inventory control problems ever to be turned over to an electronic computer. Because of its interest to business, the demonstration was also seen by members of the National Office Management Association annual convention held at the Bellevue-Stratford here.

The visitors were shown that the jet age has multiplied the problems of supply many times. A typical jet aircraft has over 33,000 different parts, many of them peculiar to that type of plane. Right now the Navy has about 75 different basic aircraft models—jets and other types—and equips them with a variety of about 30 engines. This adds up and multiplies out to approximately 450,000 different items that ASO in Philadelphia must keep track of.

THESE QUANTITIES alone are enough to produce a highly complex supply problem, but they tell only part of the story. The hundreds of thousands of parts are stocked at more than 60 separate shore-based locations, many of which directly supply aircraft carriers and other ships at sea. And there are further complications. An aircraft, in ASO parlance, is a "gypsy." It may be in Norfolk one week, in Africa the next, and winging over the Indian Ocean the week after that. Wherever it goes, however, the parts it needs must be quickly available. This would be no problem if huge stocks could be held at each base; but in the interest of economy each base should have only what it needs, and nothing more. This means that the computer must "think ahead" so that critically needed parts arrive at the proper base in correct quantity before the aircraft flies in.

To solve this immense problem, for certain categories of material, in what is called the "Program Usage Replenishment System," the Navy has devised a wide-spread information-gathering system which has at its hub the 702 in Philadelphia. For the computer to be able to "think ahead," many facts must be fed into it. From each of the stocking points to be supplied comes an up-to-date report as to what is on hand. From the Chief of Naval Operations in the Pentagon comes a record of where every Naval airplane will be for the next several months. And from maintenance officers throughout the Navy come regular reports telling how often each part actually is used.

AFTER THE 702 digests all of this incoming data, it is ready to determine what each base will need for the next nine months and what the entire Naval air arm will need for as far in the future as it is necessary to look, so that the parts can be ordered from manufacturers in a timely fashion.

The man in the field no longer has to guess or compute what he needs. He simply reports what he has on hand to Philadelphia. An answer comes back telling him what he will receive to meet his demands, where it will come from, and what he should ship to other locations so he can get rid of his overages and help others meet their demands. Previously, when this was handled on conventional punched card equipment at the ASO, it took an average of 90 days from the time the man in the field sent in his report until he got his answer. Now, using the 702, the complete cycle averages only 43 days, a 50 per cent reduction. And at least one-fifth of this time is used up getting reports to and from far flung bases. But later this year ASO will begin installing a network of IBM Data Transceivers so that reports will come into ASO and go back to operating bases by electronic means. This, plus other planned improvements, should shorten the cycle to between 20 to 25 days.

This rapid, accurate control system makes a great difference in dollars and in terms of combat readiness. Too often, in the past, parts arrived at an advanced base after the planes had moved on, or the man in the field had too few or too many parts because he had to calculate usage rates using inadequate information. Overstocking costs money. And understocking not only costs money, but hurts in other ways as well. The Navy estimates that it costs close to $500 a day when an aircraft is grounded unexpectedly. This is over and above the temporary loss in combat strength, a much more valuable commodity.

Here is how the ASO system might handle a typical supply situation:

EVERY ITEM in the inventory is processed every three months with consideration of what each operation will require for the next nine months. For example, assume the item to be processed is the fuel control for a Pratt & Whitney engine used on a Douglas jet fighter. In mid-April all bases sent to ASO a report on current inventory of the fuel controls and related items. These reports came from Pearl Harbor, Yokosuka, Newfoundland, and from many other bases; but in particular for this example, they came from Norfolk, Jacksonville and Pensacola.

While these reports were on their way, ASO personnel were busy bringing up to date the technical records on the items to be processed due to design and usage rate changes. If a new type of gasket is authorized for use in the engines' fuel control, the records at ASO have to be changed. Rate of usage change reports are digested by an IBM 650 computer, which determines whether the recent experience with fuel controls is of sufficient statistical significance to call for a change in the records on which allocations are based. All of these technical records are maintained on reels of magnetic tape; and the 702 rapidly makes all necessary changes.

Also arriving at Philadelphia in late April was a monthly report from the Chief of Naval Operations in the Pentagon, pinpointing the location, operating, and overhaul schedules for all aircraft and engines for many months ahead. Part of this report might say that 18 Douglas fighters would be on carrier deployment in the Atlantic during August and September and would each fly 30 hours a month. During October and November the same 18 planes would move to Jacksonville for overhaul. Then they would go to Pensacola and from December through the following April would be in the training command and would fly 50 hours a month.

THE JOB OF THE 702 is to make certain that spare parts are available so that these missions can be carried out. With the technical information files up to date, the information from the field and from Washington was fed into the computer. Early in May the results were ready, showing exact requirements for each part at each location.

Norfolk will be responsible for stocking parts for the jets while they are assigned to the Atlantic. The 18 aircraft will fly 30 hours a month for two months. That is 1,080 flying hours. The IBM 650 determined that the new usage rate for the engines' fuel control should be 300 hours, so the 702, dividing 1,080 by 300, determined that Norfolk will need 3.6 (rounded off to four) fuel controls by August 1, when the 18 planes join their assigned carrier in the Atlantic. The 702 then checks to see how many of the controls are already on hand at Norfolk, finds there are two, and prints out a report that this base has two, needs two more.

The 18 jets will be at Jacksonville for two months for overhaul, but, in this instance, the 300 hour usage rate does not apply. Here, virtually all fuel controls can be repaired instead of having to be replaced. The technical information file is "read" by the 702 and indicates that only 1 per cent of the fuel controls actually have to be replaced during overhaul. So Jacksonville needs .18 controls for the arriving jets. This is an insignificant figure and none has to be shipped. The report from Jacksonville is "read" and the 702 finds there are no controls on hand. No action need be taken to get rid of an overage there.

THE 18 JETS will be at Pensacola for five months and each will fly 50 hours a month. The 702 figures this operation calls for 15 fuel controls to be on hand December 1. The report from Pensacola, however, says there are already 17 on hand and the 702 prints a report noting 15 needed, 17 on hand, thus 2 over.

The next part of the processing job, and the one that requires most of the 43 days, is the determination of what shall be shipped from where to where. At present, this is done by people, because the ASO believes it requires a considerable amount of judgment. These people study the differences between supply and demand that exist at all points, and act on these differences by shifting stocks around or by buying more. For example, it might be feasible to use the fuel controls being held at Pensacola to fill a need elsewhere, rather than hold them until the jets arrive in December, and fill the December demand directly from the manufacturer. Also, transportation costs and times must be weighed and considered carefully. New mathematical techniques demonstrate that at least some of these processing steps might be handled successfully on a computer; ASO has the matter under study, but it will be some time before definite steps in this direction are taken.

In the latter part of May, the reports go to Norfolk, Jacksonville, and Pensacola, informing them what action is being taken to prepare them for the arrival of the 18 jets. The remaining two months before the jets arrive at Norfolk are allowed for shipping.

THE REPORTS to the 63 shore-based operations are not the only output of the 702. As a result of the same processing operation, other significant reports are automatically produced. Four major examples are:

—A procurement analysis which tells how many items (fuel controls, for instance) will be needed altogether in the next several months. The number of months depends primarily upon the manufacturers' lead time. For some items difficult to manufacture, the Navy must place its order as much as 36 months in advance.

—A report on retention and disposal qualities. This tells the total number of the item that will ever be needed. It leads to large economy purchases, or to disposal of obsolete materials, both of which actions save the Navy money.

—Schedules sending worn material to repair shops and sending spare parts to the shops so they arrive concurrently with worn carcasses.

BURT A. EASTON, a veteran of eight years in IBM purchasing activities, is the purchasing agent of the IBM Kingston Electric Typewriter Division Plant.

Mr. Easton joined the International Business Machines Corporation in April, 1948, as a production expeditor at the Poughkeepsie Plant. The following month he became a purchasing expediter and then advanced to assistant buyer in October, 1948, and buyer in September, 1949. He was promoted in February, 1951, to assistant to the purchasing agent, a post he held until assuming his present duties.

A native of Poughkeepsie, Mr. Easton received a bachelor's degree in economics from Cornell University. He has also studied and taught several courses in IBM Schools. Mr. Easton served with the Air Force in the European Theater.

He is a member of the IBM Study Club, IBM Country Club and the Poughkeepsie Tennis Club.

Mr. Easton, his wife and their three children reside in Poughkeepsie at 2 Beechwood avenue.

ROBERT M. BECK, manager of the Electric Typewriter Customer Supplies Division, came to IBM Kingston in August, 1955, as project manager of the ET pilot assembly line.

He joined International Business Machines Corporation in June, 1946, as a final adjustor on the typewriter assembly line. In November, 1949, he was promoted to manager of rear rail and final adjustment for Executive Typewriters and then in May, 1951, he became administrative assistant to the plant manager, a position he held until he was transferred to Kingston.

Mr. Beck is a native of Poughkeepsie and a graduate of Poughkeepsie High School. He has taught and studied courses in the IBM Schools.

He is a member of the Kingston Chamber of Commerce, Wiltwyck Golf Club, the IBM Country Club and the IBM Study Club.

Mr. and Mrs. Beck and their two children reside on Flower Lane in Kingston.

DR. RUDOLPH J. CYPSER, manager of development engineering for the Kingston Military Products Division, is responsible for the development of new military computer products for IBM.

Although a part of the Military Products Division, Dr. Cypser's activities are centered in laboratories in Poughkeepsie.

A native of Jersey City, N. J., Dr. Cypser was educated at Seton Hall Preparatory School. He received his B.S. degree in electrical engineering from Pratt Institute and his master's degree from Columbia University. He also holds a doctor of philosophy degree in electrical engineering from the Massachusetts Institute of Technology.

Dr. Cypser joined IBM in 1953 as an associate engineer. He was engaged in systems planning work at Cambridge, Mass., for Project High until March, 1954, when he was placed in charge of a planning group in Poughkeepsie. He remained in that post until August, 1954, when he was made a project engineer.

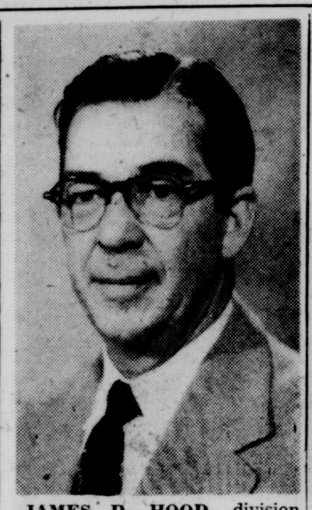
After heading input-output systems activities from November, 1954, until July, 1955, Dr. Cypser became active in design automation. Successive appointments were those of staff engineer and senior engineer in March, 1956, when he was made responsible for advanced systems development.

Dr. Cypser served in the U. S. Navy for more than three years. He is a member of Sigma Xi, the Institute of Radio Engineers and the IBM Study Club.

Dr. and Mrs. Cypser and their three daughters reside at 8 Styvesandt Drive, Poughkeepsie.

On TV Shows

IBM electric typewriters are performing on some of the nation's top television shows. Ann Sothern has been using one on the popular "Private Secretary," for more than a year now, and "The Bob Cummings Show" also is a regular user. "Wire Service," an ABC show that premiered on October 4, and "Navy Log," soon to start on CBS, also will use the machines. The typewriter also will have a role in two upcoming movies—"Jett," starring Preston Foster, and "A Face in the Crowd," starring Andy Griffith. Both are scheduled for 1957 release.



JAMES D. HOOD, division manager of personnel administration of the Kingston Military Products Division Plant, has been associated with the International Business Machines Corporation for 27 years.

He joined the organization in June, 1929, as a customer engineer and served in the Houston, New Orleans and Galveston areas. In 1935, Mr. Hood was transferred to the Endicott Laboratory where he worked as a draftsman. He was promoted to assistant supervisor of testing at Endicott in 1936 and subsequently held positions as designer, project engineer, assistant engineer and assistant to the manager of the Engineering Laboratory at Endicott.

In 1952, Mr. Hood was transfered to the IBM Laboratory at San Jose, Calif., as assistant to the manager. He joined IBM Kingston in 1955 as project manager of product engineering, a post he held until he was named manager of recruitment, employment and placement. Last month Mr. Hood was named personnel administrator for the plant.

Mr. Hood is a member of the IBM Quarter Century Club, an organization of employes who have completed 25 years of continuous service with the company. He is one of three Kingston IBMers to hold that distinction. Mr. Hood also is a member of Rondout Lodge, F & AM.

Mr. and Mrs. Hood and their son reside on Zena road, Woodstock.

Automatic Finishing

Automatic Mechanical Finishing—Operation at the Electric Typewriter plant in Kingston is highly automatic. Various electric typewriter parts will be deburred, polished or burnished by an automatic barrel tumbling process using a controlled program which is assigned to each part. Parts are hopper loaded together with the tumbling compound into a perforated barrel which is automatically cycled to one or more tumbling media according to a specified sequence and schedule. Parts are automatically discharged and separated from the tumbling compound. It is estimated that only one man will be required to operate the mechanical finishing department.

JOHN E. HICKERSON, senior engineer in the IBM Electric Typewriter Division at Kingston, began his career with International Business Machines Corporation as a customer engineer about 27 years ago.

After completing a training course at Endicott, Mr. Hickerson was assigned to the New York city area as a customer engineer from October, 1929, until July, 1943, when he was made an assistant engineer in the East Orange Laboratory. He was transferred to the Poughkeepsie Engineering Laboratory in October, 1944. In December, 1950, he became a senior engineer.

Mr. Hickerson was born in Washington, D. C. He was graduated from the Bliss Electrical School. He also has studied and taught several courses in the IBM School program.

He is a member of the IBM Study Club, IBM Country Club, the Wappingers Falls Parent-Teachers Association, the Institute of Radio Engineers, American Institute of Electrical Engineers and the American Society of Tool Engineers.

Mr. and Mrs. Hickerson reside in Wappingers Falls. They have a son and a daughter.

JOHN H. CIOVACCO, assistant manufacturing engineer of the Electric Typewriter Division Plant of International Business Machines Corp., has been associated with the company for a comparatively short span of four years. Prior to assuming his present post, he served as technical assistant to the Works Manager.

Mr. Ciovacco joined the company after a tour of military duty in Japan during the Korean War. He had previously served his country in World War 2, during which he was assigned to the European Theatre of Operations.

A native of Hyde Park, Mass., Mr. Ciovacco was educated in Massachusetts schools. He holds a BS Degree in mechanical engineering from Tufts College. He has also attended several IBM schools.

Mr. Ciovacco joined IBM in 1952 as a tool engineer. In 1954 he was advanced to associate engineer.

Mr. Ciovacco is a member of the American Society of Tool Engineers. He resides with his wife and two children at 14 Carmen Drive, Poughkeepsie.

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IBM organization at the new Kingston area plant.

BENDIX RADIO

Division of Bendix Aviation Corporation

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Electroplating System

At IBM's Kingston Electric Typewriter plant, the system of electroplating IBM Electric Typewriter parts is the most advanced of its kind. Nickel, cadmium and chromium will be applied to various typewriter parts by equipment and techniques developed especially for IBM and never before used in industry. The entire operation of three automatic plating machines is controlled by one man at a master console.

TO

IBM

It has been our pleasure and privilege to observe the marvelous development of the Kingston Plant of International Business Machines Corporation. The Open House of this splendid new building marks another accomplishment in the progressive local history of this famous industry. So, IBM, we extend our very best wishes for continued fame and success.

DEAN TRUCKING

and Snow Removal Contractor

South Road Poughkeepsie, N. Y.

MATTHEW H. DIETSCHMAN, production manager at the International Business Machine Corporation's Electric Typewriter Division in Kingston, joined the company in 1942 as a grinding machine operator at the Poughkeepsie plant. After a three and one half hitch in the Coast Guard during World War 2, he returned as a production control analyzer in 1946 also working as a draftsman in Production Engineering. In 1948 he was promoted to the post of manager in Production Control and was active in IBM's Defense Program. In 1953 he was project manager on the A1A and Y4 Defense Program and in 1955 was appointed to his present assignment.

Mr. Dietschman was graduated from Pleasantville High School and furthered his education in IBM training schools studying blue print reading, precision grinding, speaking and management. He also taught courses in Production Control.

He is a member of the IBM Country Club, IBM Study Club, Wiltwyck Country Club and the Kingston Chamber of Commerce. He and Mrs. Dietschman reside at Flower Hill in Kingston.

WILLIAM L. JACKMAN, as manager of product planning, is responsible for supervising the future plans of the IBM Kingston Military Products Division.

To perform his duties, Mr. Jackman works with the research and development areas of the International Business Machines Corporation to determine those fields in which the Kingston military operations can best direct their efforts. He also works closely with the various military agencies with which the Kingston Plant is associated.

Mr. Jackman joined IBM at Poughkeepsie in 1949 as a technical engineer in the engineering department and performed logical and circuit design work on Electronic Data Processing Machines.

He became a project engineer in 1953 and was placed in charge of basic circuit development in connection with IBM's defense project. In November, 1955, Mr. Jackman was appointed assistant to the manager of engineering at Kingston.

Mr. Jackman, a native of White Plains and a graduate of White Plains High School, received his B.S. degree in Electrical Engineering from the Massachusetts Institute of Technology in 1949.

Mr. Jackman, his wife and their three sons reside on Sunset Terrace in Hurley.

THINK, IBM Magazine, Is World-Famed Publication

For four straight days, 14 hours a day, the bulky presses in a downtown New York printing house rumbled steadily. The heavy-throated sound of turning cylinders, the endless flow of pages wet with print sliding with a hiss along conveyor lines, the pitch of voices vying with the insistent mutter of machines—all these combine to tell a story.

It is the story of a unique magazine launching into a new era of publication.

In June 1955 the magazine passed a triumphant milestone as it celebrated its 20th anniversary with a special June issue. The two decades of the magazine's existence had added a new facet to journalism.

NOW, THE ISSUE on the presses was to continue that tradition, to reaffirm the concept that a magazine can, on a high cultural level, stimulate interest in the widespread fields of human endeavor.

That is what THINK'S founder, the late Thomas J. Watson, set out to do when the magazine was born in June 1935. In the first of his signed editorials—which subsequently appeared in every issue of the publication—he saw THINK in terms of a public service disseminating information in "the new world of progress."

Mr. Watson's belief that such a magazine would be well received was a sound one. Today, the familiar black cover, with the shadow reflected from a billowing cloud throwing the title into sharp contrast, may be seen almost anywhere. From the long plateau of Iceland lying just below the Arctic Circle to the hot, wet, mountain-pocked island of Madagascar will be found readers of THINK. The magazine wends its way each month to homes and offices in Samoa, Burma, Pakistan, Egypt, Ethiopia, and British East Africa, as well as most of Europe, to name a few of its international destinations.

RECENTLY magazine editors have been saying that newsstand sales are a key to a magazine's vitality. THINK has no newsstand sales, yet no one could take issue with its vitality. More than 10,000 civic and business leaders outside the United States and another 40,000 within—all subscribers—attest to that. And each year the number seeking places on the magazine's circulation list grows. The total circulation—including IBM'ers, who automatically are placed on the list at the time they join the company—now has reached approximately 100,000.

The reason for this heavy demand for IBM's envoy of good will is summed up in a word: content.

In the magazine's offices located on the nineteenth floor of WHQ, high above New York's busy Madison avenue, articles submitted to the publication undergo a painstaking review by the publication's staff. The work of the staff is under the direction of Dr. Dwayne Orton, former college president and more recently IBM Director of Education, who was appointed to his current position as editor following the retirement in 1954 of THINK'S first editor, the late Edmund F. Hackett. In addition to supervising review of the numerous articles that the magazine receives each week, Dr. Orton, who also holds the post of IBM Educational Consultant, often visits authors to suggest or discuss proposed articles.

When an article is accepted for publication, THINK'S staff carefully sharpens and polishes it. In some instances the manuscript is returned to the writer for changes in subject presentation or rephrasing. Articles on subjects of a technical nature often are sent to authorities in the particular field to assure complete accuracy. When the article is ready to be printed, it is turned over to the art director, who selects suitable illustrations and designs page layouts.

ALTHOUGH most of Think's authors already have gained a reputation in their field, the magazine has introduced virtual unknowns who later have gained fame. Such was the case of Hodding Carter, a newspaper reporter at the time his first manuscript appeared in THINK many years ago. Today, Hodding Carter is one of the South's best-known newspaper editors, best-selling book authors, and contributor of magazine articles.

Through the years, the list of THINK authors has been a star-studded one. Such names as Pearl Buck, Dorothy Thompson, Robert E. Sherwood and Maurice Materlinck have appeared within the covers of THINK. In the past year alone such eminent participants in world affairs as Gen. Matthew B. Ridgway, Dr. Grayson Kirk, Lewis W. Douglas, and Dag Hammarskjold have contributed to the magazine.

One of the most frequent requests that the magazine receives is for permission to reprint articles and Mr. Watson's editorials. Last year, alone, roughly 100 publications contacted THINK to request the privilege of reprinting one of the magazine's outstanding articles. Publications carrying the reprints ranged from El Diario—the Sunday magazine supplement of a newspaper published in La Paz, Bolivia—to the Philadelphia Inquirer. Such widely circulated magazines as Reader's Digest and Coronet requested permission to use excerpts from stories.

THE RANGE of articles requested were as diverse as the publications requesting them. The list includes: "Cigar-Store Indians"; "Travels of the Coffee Bean"; "You Can Get Along With Anyone"; and "The President's Treaty Making Power."

Reprints of entire issues of the magazine have been translated into French and Spanish and distributed in large numbers. The U. S. State Department and the United Nations also have had articles translated and circulated all over the world.

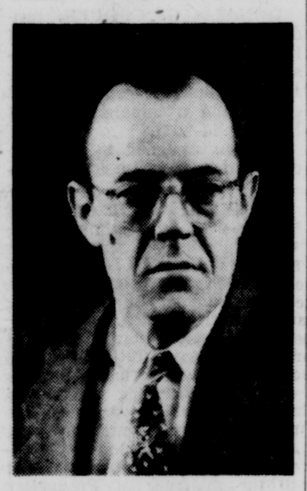
One of the factors that has played a part in making THINK required reading for so many and has brought in requests for reprint permission as well is the variety of timely material to be found in each issue.

From the very beginning of THINK Mr. Hackett worked closely with Mr. Watson in establishing a pattern for the magazine that would each month assure publication of a broad panorama of human activities and interests. He saw early that some events were of such importance that a single article in any one issue could not fully encompass them. During the years, THINK has put out more than a dozen special issues devoted to such activities as the New York World's Fair, the International Paris Exposition, and the Canadian National Exhibition. One of the most ambitious projects undertaken was a hard-covered book entitled "THINK Magazine's Diary of U. S. Participation in World War II." Some 100,000 pictures were culled by the members of the magazine's staff in the process of selecting the material for this story of the war and America's role in it.

SOON AFTER the War Diary appeared, an outstanding publisher contacted Mr. Watson and offered to put a price on the volume. The answer was a polite, "No." Many years before, Mr. Watson had given the same answer when a publications distributor asked him to put THINK issues on the newsstands.

At a luncheon, attended by members of the magazine staff and top IBM executives, which was held in celebration of the twentieth anniversary, Mr. Watson told the story of the growth of the magazine and the people who had made that growth possible. The staff was praised for "vitalizing a magazine that always has been vital."

ITS VITALITY has been reflected not only in its leadership. THINK has received professional acclaim, both editorially and typographically. It was cited by the Freedoms Foundation in 1951, 1952 and 1954 to receive the Foundation's George Washington Honor Medal for outstanding contributions in helping to bring about a better understanding of the American way of life. In the typographical field, THINK several times has been awarded, as an outstanding example of printing, a "Certificate of Special Merit" from the New York Employing Printers Association, Inc.



WILLIAM A. HEIDT, manager of Product Engineering at the International Business Machines Corporation's Electric Typewriter Division plant in Kingston, became affiliated with the company in 1945 as a product designer in Typewriter Engineering and the same year became a machine designer. In 1948, he was promoted to the post of project engineer and three years later he was upgraded to assistant product enginerr. In 1952, he was appointed to his present title.

Mr. Heidt received his bachelor's degree in mechanical engineering at Clarkson College and completed courses in tool engineering and metallurgy in the IBM School program.

He is a member of the IBM Study Club and resides with his wife and two children at 36 Hasbrouck Dr., Poughkeepsie.

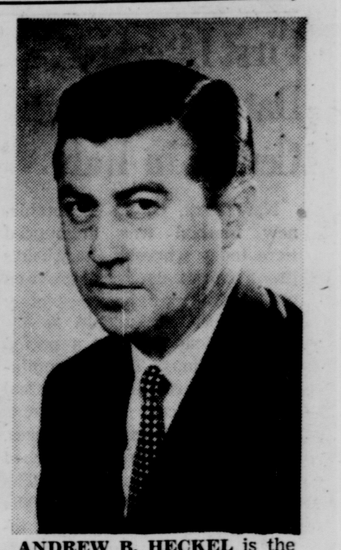
LINCOLN L. HORN recently has been appointed Assistant Plant Manager of the Electric Typewriter Division of International Business Machines Corporation.

Mr. Horn joined IBM in September 1946 at the Poughkeepsie plant as an estimator. He was promoted to technical assistant to the production manager in 1949, and then served as manager of estimating, manager of defense tool analysis, manager of ET tool analysis and project manager of tool engineering. In 1955, he was made manufacturing engineer and held this position up to the present.

He is a graduate of North Rose Central High School, and attended Rochester Institute of Technology and the University of Rochester. Mr. Horn has also studied and taught several courses in the IBM Schools.

He is a member of the IBM Country Club, IBM Study Club, Wiltwyck Golf Club and the Mohawk Rod and Gun Club.

Mr. and Mrs. Horn and their daughter reside in Woodstock, N. Y.



ANDREW B. HECKEL is the contracts administrator for the IBM Kingston Military Products Division Plant.

He became associated with the International Business Machines Corporation in June, 1953, and served as an administrative assistant on Project High engineering. In February, 1955, Mr. Heckel was promoted to technical assistant to the sucontract division manager. He was recently appointed to his present position.

Mr. Heckel, a native of Buffalo, served two hitches in the U. S. Air Force, from 1945 until 1948 and from 1951 until 1953. He majored in accounting at the University of Buffalo.

Mr. Heckel, his wife and four children reside at 4 Tricor avenue, New Paltz.

Our cordial good wishes

to

IBM

and their new

Kingston Plant

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. . . a most valued part of the progress of our entire area . . . a most important factor in the security of its people.

In our ever expanding community

We join in extending our congratulations . . . our sincere thanks to the entire IBM family on this the opening of the new Kingston area plant.

We join in hailing the opening of IBM's new Kingston Area Plant. The facilities of this local plant will add thousands of persons in this area to those already enjoying the security and benefits of this great international institution, and is certain to mean much to the continuing growth of our community.

It is with deep-felt gratitude that we of Home-Seekers' Savings extend our sincere congratulations and best wishes to the entire family of IBM.

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9 A. M. to 4 P. M. • First Monday of each month
9 A. M. to 8 P. M.

WILLIAM R. WYKSTRA is the assistant superintendent of machining and processing at the Kingston Plant of the IBM Electric Typewriter Division.

Mr. Wykstra joined the company in April, 1941, as an apprentice toolmaker at the Endicott Plant. He subsequently held positions in tool design work, as instructor in the Apprentice School and as toolroom manager until 1951 when he became project manager for processing. In 1952 Mr. Wykstra was appointed project manager for government machining and the following year he became project manager for tool and machine services. He was assigned to his present job last year.

A native of Dunkirk, N. Y., Mr. Wykstra is a graduate of Union-Endicott High School and attended the University of Florida.

He served as a navigator in the Air Force from 1943 until 1946.

Mr. Wykstra is a member of the IBM Country Club.

Mr. Wykstra, his wife and their daughter reside at 106 Vassar Road, Poughkeepsie.

IBM

Congratulations

BOR-A-TOOL CORP.

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We are proud to offer our congratulations to the entire IBM organization upon the completion of the "Kingston Area Plant".

Complete Machine Shop and Assembly Plant

Carbine Tools our Specialty

First Literary Data Processing Center in Italy

New York, N. Y.—A notable, new method was announced here today whereby the world's great works of literature and philosophy may be completely indexed statistically in a few years instead of over a period of generations. These compilations of words in alphabetical and statistical arrangements which also include concordances, will now be prepared on punched card accounting machines. The new method will permit the preparation of any kind of index for vast volumes which have heretofore been virtually impossible to analyse on a large scale, severely restricting the work of researchers and scholars.

THE NEW METHOD was discussed by the Rev. Roberto Busa, S.J., of Gallarate, Italy at a press conference held recently by the Italian Consul General, Minister Carlo de Ferrariis Salzano. Father Busa has returned to Italy to open the world's first literary data processing center.

Father Busa said that the method developed over a span of seven years to do this kind of work with standard IBM accounting machines will open a new chapter in literary and humanistic research. "Before this," said Father Busa, "the situation of the scholar and researcher was like having a language without a dictionary." The work was initiated in 1949 and subsequently won the support of Francis Cardinal Spellman, who foresaw even at that early date the great benefits that could be derived by applying accounting machines to what amounts to the very opposite of machines literary and humanistic research. Father Busa of the Pontifical Faculty of Philosophy in Gallarate, near Milan, Italy, and engineers of IBM World Trade Corporation then set to work to master the considerable problems involved.

FATHER BUSA announced that one of the objectives of his present trip to the United States was to make preparations by the new method for an index of the controversial Dead Sea Scrolls, which were found nine years ago by Bedouins in caves near the Dead Sea. "This has been accomplished," he said, "and work on compiling this index has now started. It will be done under the joint editorship of the leading American authority on the Scrolls, Professor Millar Burrows, of Yale University and of the Italian scholar, Professor Pietro Boccaccio, S.J., of the Biblical Institute of Rome." Father Busa himself will supervise the mechanical aspects of the work. The cards will be prepared in Italy and processed on one of IBM's giant "brains", the 705 electronic data processing machine in New York. No complete index of the Scrolls has been available to date. When completed, therefore, the index should be of tremendous value to further research on the Scrolls and should help in evaluating the material found, which from all indications may throw new light on the Bible.

THE BASIC METHOD worked out by Father Busa in collaboration with Paul Tasman, of IBM World Trade Corporation, will not only benefit literary and linguistic researchers, but is also of great importance to science and industry. "One of the most pressing problems in these fields," Father Busa said, "has always been the indexing of all basic recorded knowledge relating to work in these specific fields and in allied projects; in the chemical industry alone there is the problem of correctly recording an almost infinite number of patents and abstracts. This has led to the virtual impossibility of searching all available records on any given subject and has caused great loss of time.

"The need for detailed documentation has grown so enormously in recent years that today it is almost a science in itself. Our new approach to this need will be a major contribution to worldwide efforts to place information, hitherto difficult to obtain at the instant disposition of researchers, thereby saving thousands of hours."

THE ORIGINAL test project was to compile a concordance—a compilation of the words and the contexts in which they appear—of the works of Saint Thomas Aquinas. Saint Thomas, a prolific author, wrote 13 million words—sixteen times as many as contained in the Bible In 1952 the first demonstration of the results achieved to date was given in the presence of Cardinal Spellman at IBM Headquarters in New York.

"We have now built a house on firm foundations," Father Busa said, "and are ready to put on the roof. But we have done much more than just find a way to do this concordance of Saint Thomas Aquinas; in the process we have developed an exclusive approach that permits us to find out the mathematical structure of the language and the formulas of the frequencies and rhythms of all the elements of the language. That," Father Busa said, "is the special and unique characteristic of our method.

"This kind of analysis," Father Busa continued, "is badly needed in a number of specialized fields, such as grammatical studies or medico - psychological methods for education and treatment, or for such back-breaking studies as symbolic and algebraic logic or documentation coding systems. To explain in simple language what all this means," Father Busa said, "would almost require an IBM machine in itself. It would take me hours.

"THE CENTER will be utilized in a variety of ways," Father Busa said. "Researchers can write in and ask for the method, which will be supplied to them, or they can ask for information on any given word or sentences from writings for which concordances have been prepared. Or they can avail themselves of the services of the center to prepare new indexes."

The method of mechanical indexing, Father Busa explained, involves 44 steps in all. The ony manual work required is the punching, verifying and checking of the cards in the beginning, and mark-sensing, by the scholars, before printing. By putting a mark on the cards, the scholar classifies them. All the rest is done automatically. On the basic cards whole sentences are punched out. The cards are then transformed to tape, and the tape then reproduces individual word-cards. These cards are individually, automatically identified according to a prescribed program of identifying their location in the text. To illustrate the method, Father Busa pointed out that on the Thomas Aquinas work "Summa Theologiae" 220,000 sentence cards were punched. These result automatically into 1,600,000 word-cards in alphabetical order. "The amount of manual labor this would have involved is self-evident," Father Busa said.

Not the least advantage of the mechanization of indexing is that formerly almost all the work had to be done by scholars; now only the supervisor need be a scholar, and everybody else employed on the work has only to know how to handle standard IBM accounting machines.

Initial work was financed by a grant from IBM World Trade Corporation which provided the necessary machines and all technica assistance. Father Busa's work is sponsored by two Italian committees, the Promoting Committee in Rome, composed of both clergy and laymen prominent in Italian science and cultural fields, and the Executive Committee in Milan.

ALFRED A. SADLER is the manager of the engineering laboratory of the Electric Typewriter Division of International Business Machines Corporation.

Mr. Sadler joined IBM in 1947 as a customer - engineering trainee and attended Electric Accounting Machine School at Endicott before he was assigned to the downtown New York City area. In 1948, Mr. Sadler participated in the Engineering Training Program at Endicott and the following year was assigned to production engineering work at the Poughkeepsie Plant.

In 1951 Mr. Sadler became a systems engineer and then was promoted to assistant to the assistant manager of engineering and subsequently to assistant production engineer. He was appointed assistant to the manager of electric typewriter engineering in 1953 and in 1954 he became manager of that department. Mr. Sadler was named to his present post last year.

A native of Pine Plains, N. Y., Mr. Sadler was graduated from high school there and then attended the Berkshire School and received his bachelor's degree in mechanical engineering from the University of Pennsylvania.

He is a member of Stissing Lodge, F&AM, Pine Plains Grange, the IBM Country Club and the Pine Plains Sportsmen Association.

Mr. Sadler, his wife and their four children reside in Pine Plains.

RICHARD A. STEWART, manager of manufacturing engineering for the Military Products Division, Kingston, was appointed to this post from that of assistant manager of manufacturing. Mr. Stewart joined IBM as a student engineer in April, 1947.

Upon completion of student training, Mr. Stewart was transferred to the Poughkeepsie production engineering department as a draftsman. In August, 1949, he was made a machine designer and in June, 1950, was promoted to the post of project designer.

In March, 1951, Mr. Stewart was made manager of quality and testing in connection with IBM defense manufacturing. He was later assigned to project manager of quality and testing and after that became project manager of Project High manufacturing services. He held the latter assignment before his Kingston appointment as assistant plant superintendent.

Mr. Stewart attended the University of Michigan, and received his B.S. degree in electrical engineering from Northwestern University. He served as an ensign in the U. S. Navy during World War II.

He is a member of the IBM Country Club, the IBM Study Club and the American Institute of Radio Engineers.

Mr. and Mrs. Stewart reside at 50 Plymouth Ave., Kingston.

CHARLES B. ALDRIDGE is controller for the Kingston Plant of the Electric Typewriter Division of International Business Machines Corp. He was previously works accountant.

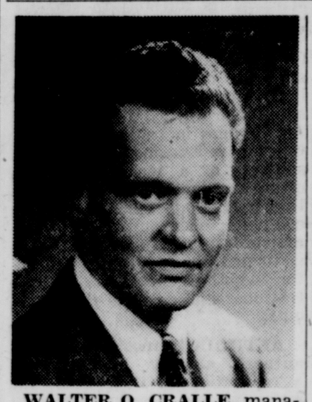
Mr. Aldridge joined International Business Machines Corporation in August, 1941, as a cost analyst at the Poughkeepsie Plant. In May, 1947, he was assigned to the general manager's staff and in November of 1948, Mr. Aldridge became manager of cost accounting.

He was promoted to manager of general accounting in August, 1950, and the following March he became administrative assistant for the accountant. On March 9, 1953, Mr. Aldridge became works accountant for the Poughkeepsie Plant.

Mr. Aldridge is a native of the town of Fishkill. He holds a bachelor of science degree in economics from the University of Pennsylvania. In addition, Mr. Aldridge has studied and taught courses in IBM Schools.

He served in the U. S. Navy from February, 1943, until January, 1946, and was separated as a lieutenant in the Naval Reserve.

Mr. and Mrs. Aldridge and their two sons reside at 20 Chestnut St. in Rhinebeck.



WALTER O. CRALLE, manager of the Development Engineering Department of the IBM Electric Typewriter Division, joined the company in February, 1951, as a machine designer in the Production Engineering Department:

He was promoted to technical engineer in Development Engineering in 1953, associate engineer in 1954 and served as project engineer in the Mechanical Analysis Laboratory and technical assistant to the manager of the ET Engineering Laboratory before assuming his present position.

Mr. Cralle, a native of Miami, Okla., holds a bachelor's degree in mechanicel engineering from the University of Oklahoma. He was voted the outstanding engineering graduate of the university in 1947.

During World War 2, Mr. Cralle served as a first engineer in the Merchant Marine.

Mr. and Mrs. Cralle reside on Cedar Hill Road, Wappingers Falls.

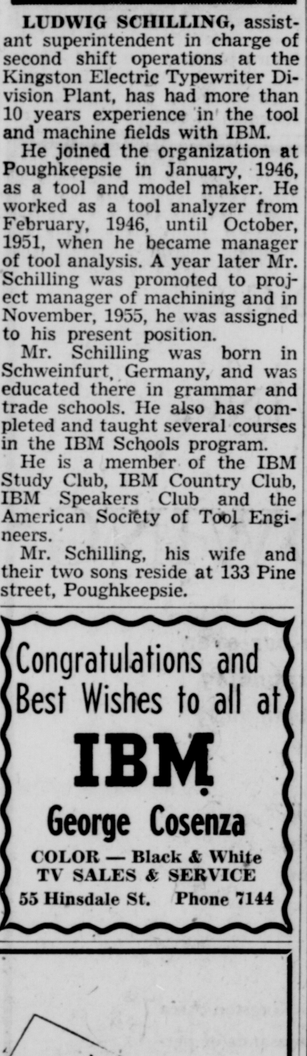
DONALD G. COOPER, production manager for the IBM Kingston Military Products Diyision, joined International Business Machines Corporation in its engineering training program at Endicott in 1947.

He was assigned to the subcontracting department in January, 1948. A year later he was appointed technical assistant to an assembly project manager, and in October, 1949, he became a cost estimator.

These duties were followed, beginning July, 1950, with two years as plant layout engineer. In January, 1952, Mr. Cooper was named technical assistant to the division manager of industrial engineering and in 1953 he became an administrative assistant.

In August, 1954, following a six-month administrative training program, Mr. Cooper became division manager of industrial engineering. He was transferred to the IBM Kingston Plant in January, 1955.

Mr. Cooper, who resides at 67 Harding Ave., Kingston, as a native of Minneapolis. He was graduated from Washburn High School and received his B.S. degree in mechanical engineering from Northwestern University. During World War II he served three years in the U. S. Army.



LUDWIG SCHILLING, assistant superintendent in charge of second shift operations at the Kingston Electric Typewriter Division Plant, has had more than 10 years experience in the tool and machine fields with IBM.

He joined the organization at Poughkeepsie in January, 1946, as a tool and model maker. He worked as a tool analyzer from February, 1946, until October, 1951, when he became manager of tool analysis. A year later Mr. Schilling was promoted to project manager of machining and in November, 1955, he was assigned to his present position.

Mr. Schilling was born in Schweinfurt, Germany, and was educated there in grammar and trade schools. He also has completed and taught several courses in the IBM Schools program.

He is a member of the IBM Study Club, IBM Country Club, IBM Speakers Club and the American Society of Tool Engineers.

Mr. Schilling, his wife and their two sons reside at 133 Pine street, Poughkeepsie.

MARKING A DECADE of seryice with International Business Machines Corporation this year is William G. Lovelett, administrative assistant to the works manager of the Electric Typewriter Division.

Mr. Lovelett joined IBM at Poughkeepsie in 1946. He served the company in various capacities until 1951 when he was named administrative assistant to the plant superintendent. One year later he was promoted to the position of administrative assistant to the manager of Production Engineering Defense. During the three ensuing years he was office manager for Project High, Military Products Division.

A native of White Plains, Mr. Lovelett graduated from White Plains High School. He attended Eastman Gaines Business School and also attended Pace Institute and New York University. He has taken several courses in IBM schools.

Mr. Lovelett resides with his wife and their three children at 3 Hasbrouck Drive, Poughkeepsie.

THE ASSISTANT SUPERINTENDENT in charge of assembly at the IBM Kingston Electric Typewriter Division Plant is Harold C. Livingston.

He joined IBM in May, 1942, as a gun assembler at the Poughkeepsie Plant. In March, 1944, Mr. Livingston was made manager of carbine assembly and in June of that year he became manager of unit assembly.

When IBM returned to typewriter production work after the war, Mr. Livingston was assigned as manager of type bar, sub-assembly and power frame departments in July, 1945. He became manager of final typewriter adjusting in April, 1947, and in January, 1948, Mr. Livingston was named manager of base and final adjusting. He was promoted to project manager of all typewriter assembly operations in February, 1948.

Mr. and Mrs. Livingston and their son reside on Neighborhood road, Kingston.

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THINK

Since the start of IBM operations in this area, We have SOLD and delivered

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So Much More

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IBM

Symbol of Industrial Perfection

ON THIS OPEN HOUSE DAY IN KINGSTON

It gives us great pleasure here at American Plastics at Bainbridge to greet the personnel of IBM on this important occasion and to offer our most sincere congratulations and best wishes.

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from the DI PERI AUTO SERVICE

314 Lucas Ave. Ph. 3306

To all the fine folks at — IBM

Our Appreciation

The Open House at our new plant in Kingston affords the opportunity for us to express to the residents of the area our appreciation for the sincere welcome accorded IBM, its employees and their families.

We know that the opening of a large plant such as ours had a great impact upon the community and that unusual situations developed from time to time. The manner in which our mutual problems have been met and the progress that has been made has been a source of deep satisfaction to all of us at IBM. The cooperation received from community officals and civic leaders, as well as from the area's business, industrial, education and religious organizations, and the Kingston Area Chamber of Commerce, gives us a feeling of well-founded confidence.

To the hundreds of persons who helped us to build our plant, we want to extend our appreciation for your wholehearted expenditure of time and effort in our behalf. The fine skills of every trade and craft, the individual work of all who labored with us will be remembered long and gratefully.

Our Open House will be held Saturday, November 3, from 10 a. m. to 4:30 p. m. This Open House will give our neighbors an opportunity to see where we work and to know us better.

INTERNATIONAL BUSINESS MACHINES CORPORATION

Kingston, New York

New Products to Accelerate Office, Plant Automation

Better Control And Operation By Electronics

Four revolutionary new products to accelerate the trend toward office and plant automation were announced recently by International Business Machines Corp.:

—RAMAC and RAM 650, two electronic data processing machines using IBM's random access or so-called "juke box" memory, a stack of disks that stores millions of facts and figures less than a second from management's reach. Because transactions are processed as they occur, the fresh facts held in a RAM show business as it is right now, not as it was hours or weeks ago.

—Automatic Production Recording equipment, or APR, the first machine system for automatically extracting vital data from assembly lines and processing it in a form suitable for quick management action.

—The first electronic typewriter, an IBM electric typewriter which "reads" business forms and does all the tabulation setting for the typist electronically.

The announcement of the new products was made by Thomas J. Watson, Jr., IBM president, at a press conference held by the company. The electronic typewriter was shown at IBM's New York headquarters, and the RAM 650 and the automatic production recording equipment were demonstrated at the IBM Glendale Engineering Laboratory near Endicott, N. Y. Earlier the press had been flown to Norfolk, Va., to watch a demonstration of a RAMAC system being tested by the U. S. Navy at its Norfolk Supply Center. Other RAMAC systems are being tested by private corporations.

In announcing the products, Mr. Watson said: "Today is the greatest new product day in the history of IBM and, I believe, in the history of the office equipment industry. These products provide the most significant advancement toward business control and operation by electronics to be made thus far."

MR. WATSON went on to say that continuous accounting will mean that business transactions will be completely processed right after they occur. There will be no delays while data is grouped for batch processing. People running a business will be able to get the fresh facts they need, at once. RAM equipment will not only revolutionize punched card accounting but also magnetic tape accounting. Automatic production recording, he noted, will provide the much-needed link between the production floor and the data processing department. APR closes an important segment of the "loop" needed for full automation. Mr. Watson added that the new electronic tab setter on the IBM electric typewriter will be a tremendous time and work saver to every typist who works with prepared business forms and documents.

RAM 650 and RAMAC both utilize the magnetic disk memory device announced as experimental by IBM a year ago. Both machines are the first of a planned line of equipment designed for high-volume, in-line processing of business data. Transactions are processed continuously, as they occur, instead of being held until a group is accumulated, sorted, and batch processed. In a single step, all records affected by a transaction will be immediately adjusted to account for the change.

RAM 650 combines the IBM 650 Magnetic Drum Data Processing Machine with a series of disk memory units which are capable of storing a total of 24-million digits. RAMAC is an entirely new machine which contains its own input and output devices and processing unit as well as a built-in 5-million-digit disk memory. Both machines operate according to a program of electronically stored instructions.

AN ADVANCED feature of the new continuous accounting machines is the method by which the memory may be interrogated. With the RAM 650, typewriter operators at remote inquiry stations may "ask" the machine for any of the data in the vast memory. Instants later the answer—perhaps a sales total or an inventory figure—appears on the typewriter. The same remote machines may be used to introduce information directly to the memory. The RAMAC may be interrogated in a similar manner directly from the machine's console.

APR fills a vital need. Thousands of hours are now being spent in plants and factories on data collection and recording. Much of this information is poorly or incorrectly recorded, and a substantial amount finds its way into accounting systems. Management has been aware that a great deal of these data are unreliable, as well as expensive and difficult to collect, and thoroughly inadequate for the purpose of sound management decisions.

WITH APR, production variables such as weight, count, length, and temperature, together with the related information that identifies the product and the process are automatically collected in great volume and recorded in printed and punched form. This information can be fed directly to data processing machines capable of preparing production, cost inventory, and other management reports. Management will have available a running picture of current production performance for on-the-spot supervision.

APR is made up of a system of components which may be combined in small, simple systems or in complex networks, depending on the application. These components include various types of input devices — clocks, keyboards, and a device that converts electrical or mechanical impulses from measuring instruments to digital form; storage devices; a programming unit; and output devices—an automatic typewriter and a tape perforator. These components have been developed to meet the needs of many and varied production problems and to be compatible with commercially-available measuring instruments.

AN ELECTRONIC "reading" device has been added to the IBM electric typewriter so that typists will no longer have to set tabulating stops while filling in the hundreds of different varieties of forms that are used every day in a business office. Business forms will be printed with vertical lines of electrically-conductive ink associated with each blank fill-in area for which the typist would normally set the tab. These lines, in effect, program the typewriter. No matter what variety of form the typist rolls into the machine, the tabs will be automatically set. All the typist need do is operate the tab key, and the machine, "reading" the lines on the form, will position the carriage before the next fill-in area.

According to Henry W. Reis, Jr., sales manager of IBM's Electric Typewriter Division, this historic application of electronics to office machines opens many dramatic possibilities. Mr. Reis added, "This marriage of electronics to the typewriter promises to be a most fruitful one. Since IBM introduced the first electric typewriter to the business world 23 years ago many advances have been made in all phases of typewriter engineering, but they are merely mile posts along the road to making the origination of letters and documents easier and faster." He said, "Our endowing the typewriter with an 'electronic intelligence' is just one of the many strides we will make as we continue to incorporate scientific developments into the typewriter of the future."

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Growing industries mean more jobs, more jobs mean more money, more money means better business for the local butcher, baker and candlestickmaker.

Growing industries mean more jobs outside of manufacturing, too. Government figures show that for each man at work in a factory, four men must work at farming, clerking, building and sundry other jobs to supply him and his family with the services and necessities of life. Since the average family consists of over three people, approximately twelve people are directly or indirectly concerned in supplying these services and necessities to the one factory worker and his family. Brought down locally, it would follow that job opportunities throughout the area increase as local industries grow.

Yes, we're glad that IBM has come to town!

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When this ad appeared in the summer of 1948 for the Poughkeepsie IBM Plant dedication, no one dreamed that a scant eight years later another vast and magnificent IBM complex would be opened here in the Mid-Hudson Valley. This Kingston Plant gives further evidence of the dynamism and vision of the IBM organization.

It is with great pleasure that we at Central Hudson congratulate IBM on the occasion of their Kingston Plant opening.

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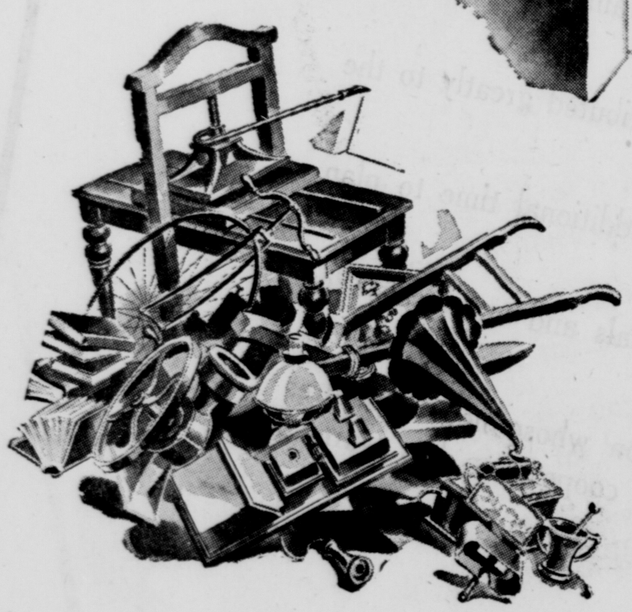

Today's achievements are built on the triumphs of the past. . . . But the stepping stones to a greater future and better things to come, are deeds built from foresight and courage to perpetuate and expand the American Way of Life.

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Era of Continuous In-Line Accounting

The introduction of automatic machines that store millions of facts and figures, any one of which can be reached in less than a second, completely alters the course followed by business accounting for half a century. In most instances, sorting and batch processing will be eliminated. Gone, too, for the most part, will be the time lag between transactions and reports. The effect a transaction has on every aspect of the business will be available right after the transaction takes place and is recorded. Data will flow into an "electronic ledger" as it is created, on a continuous basis, and the ledger will always be up to date, with every fact in it immediately available by means of electronic interrogation. Thus, business will approach "real time" accourting.

CONTINUOUS or "in-line" accounting on a large scale by machine has not been possible until now—despite the great advances in electronic data processing over the past decade—because of the lack of a large volume, random access memory. A means had to be found whereby the millions of facts and figures relating to a business could be stored economically in a random manner and yet have any one of them immediately accessible. If this could be done, each account affected by a transaction could be reached right after the transaction occurred and could be adjusted immediately. It would no longer be necessary to wait until enough transactions accumulated to form an economic batch which could be key-punched onto cards, sorted, and processed. And, it would no longer be necessary to wait for the reports that cannot be prepared until batch processing is completed. Batch processing is often done only once a week or once a month, so reports are always out of date to some degree. But with a random access memory applied to an accounting system, up-to-date reports would be obtainable anytime.

The available high-speed memories—magnetic cores, magnetic drums, cathode ray tubes—provided the rapid access required, in fact they were even faster than would be required for continuous accounting where only a few transactions are being processed at any one time. But these memories were too small to hold millions of facts and to make them large enough to do so would involve prohibitive costs.

MAGNETIC TAPES and punched cards provided the great storage capacities required, but the access time was relatively slow. True, a tape can be "read" at the rate of 15,000 digits per second. But there may be 5,000,000 digits on a single reel of tape. It might take minutes to reach a particular group of data on the tape. It was even more impractical to attempt to reach and change single cards in a large punched card file.

The answer was found in the IBM laboratory in San Jose, California; and in 1955 the company announced the experimental random access, disk memory. The unit was a stack of 50 magnetic disks which so closely resembled a highly-engineered automatic record player that it was immediately dubbed the "juke box memory." That first unit had a capacity for 5,000,000 digits, and any one of them could be reached in less than a second by means of a reading and writing arm which races up and down and between records to reach a particular group of data stored as magnetic spots on the record surface. In effect, the memory stores the equivalent of 50,000 100-column master and balance cards. For processing, the machine can obtain any of the 50,000 records without scanning through intervening records.

The key to continuous, "in-line" accounting was available. The remaining step was to combine the random access memory with an existing data processing system or to build a new system around it. IBM decided to do both. The new system became RAMAC, the random access memory accounting machine, a self-contained piece of equipment with means of input and output, a unit to calculate and to make logical decisions, and a control console. RAMAC operates according to a combination of stored program and control panel facilities.

In addition, IBM added RAMAC to its famous 650 Magnetic Drum Data Processing Machine. The 650, first delivered in late 1954, has now been installed in over 350 installations. Originally it was a punched card operated machine with a 20,000-digit magnetic drum memory. Now it is available with a limited, high-speed magnetic core memory; with magnetic tape input and output; with printer output; and, as of today, with up to four RAMAC units which will give it a total of 24,000,000 digits of random access memory. Also, up to 10 remote inquiry stations may be connected to the RAMAC 650 system through a 500-foot circuit. These stations may be used to enter data into a disk memory, or to interrogate the memory, that is, to "ask" for the latest facts and figures stored there, and provides automatic typewritten response.

IN-LINE-DATA processing, using RAMAC equipment, will be profitable in many areas. Here are a few:

Order writing, billing, and inventory control;

Order analysis, scheduling, factory loading, and material requirements;

Stock and supply accounting;

Mail order processing;

Crude oil accounting;

Textile production and inventory control;

Periodic analysis of production requirements;

Incentive payroll and labor distribution.

A good illustration of the advantages of in-line accounting is the application of a RAMAC machine to warehouse inventory control in the alloy steel industry where it is essential that the vendor know the status of any item in inventory on short notice. The lack of this knowledge may result in customer dissatisfaction and frequent lost orders.

Using a RAMAC system, however, the company can effect an excellent solution. The company might have 24 warehouses, widely distributed throughout the country. A warehouse salesman, if he doesn't have an item in stock, requests the item's availability by teletpye or telephone from the control sales coordinator located at corporate headquarters. Using an IBM inquiry unit, the coordinator presents the inquiry to the RAMAC machine. Seconds later the reply, automatically typed informs the coordinator of the status of the item in each warehouse throughout the country. The reply shows the quantity on hand, in transit, on order, and reserved for each warehouse, and the optimum shipping route from each warehouse. Using this information, the coordinator allocates the requested stock or reservation, from one or more warehouses. He enters through the inquiry station or by punched card the reservation for the requested item enabling the RAMAC to increase the quantity reserved and decrease the quantity on hand. Simultaneously, the coordinator informs the warehouse salesman of the decision.

THE ENTIRE OPERATION has taken only a few minutes and is based on current inventory figures. If it is immediately followed by a similar request from elsewhere, the second answer will take into account the first transaction.

The fact that all accounts affected by a transaction are immediately adjusted is of prime importance. This means that the total effect of each transaction of business is known right away, and action can be taken where necessary. The system can be programmed so that the action is automatic. For instance, if an incoming order will decrease the stock of a particular item below its reorder level, the purchasing department could be notified automatically at its inquiry station typewriter or by a punched card which contains the same information.

One of the interesting aspects of in-line processing is that it actually is a return to the accounting method used years ago. At one time, clerks processed each transaction, making adjustments in all affected ledgers soon after that transaction occurred. Records were usually up to date and reflected recent operations. With the tremendous increase in the volume of business, however, this method became strangling and impractical. Errors increased, records were lost, and clerks fell behind the pace of incoming transactions. Machine accounting and the punched card came to the rescue; but in order for this new method to be economic, batch processing was required. It simply did not pay to process individual transactions, to take a single punched card and machine process all affected accounts. Now, with IBM's RAMAC equipment, accounting methods have come full circle. The advantages of the historical, logical method of accounting—in-line — have been combined with the speeds, economies, and accuracies of electronic data processing.

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IBM's New 305 RAMAC Is Built Around Memory Unit

Expected to Alter Course Followed By Accounting

IBM's revolutionary new 305 RAMAC (Random Access Memory Accounting Machine) is a complete, compact data processing machine which is built around a disk memory unit (visible in background) having a storage capacity of 5,000,000 digits. This unit consists of 50 magnetic metal disks arranged in a vertical stack, with data recorded on or read from each side of the disks by a rapidly-moving arm. RAMAC also has arithmetical and logical processing ability, punched card input, and both punched card and printed output. Control center is the operator's console at right.

The introduction of RAMAC and the "in-line," rather than "batch," data processing it makes possible, are expected to alter completely the course followed by business accounting for the past 50 years.

The IBM 305 RAMAC (random access memory accounting machine) is the first completely new IBM electronic data processing machine to be introduced since the debut of the giant 704 and 705. It is built around the IBM disk memory, the prototype of which was announced in May 1955. This memory unit has a storage capacity of 5,000,000 digits, any of which can be reached directly without scanning through intervening records.

The random access memory used in RAMAC, and the variation of the same unit used in the RAMAC 650, were developed by IBM engineers at the company's laboratory in San Jose, Calif. A manufacturing plant is now under construction in San Jose, as well as a new laboratory and other facilities, which will in part be used to make RAMAC equipment and other random access devices. RAMAC units are now being built in San Jose and will be delivered to customers this year. Several already are under test at various customer installations.

THE MEMORY unit consists of 50 magnetic metal disks arranged in a vertical stack. Both sides of the disks are used for recording data, so 100 disk faces are available for storage. There are 100 recording tracks on each disk face, and each track will hold ten 100-character records. Access to these records is gained by an arm that moves vertically and horizontally under electronic control. Information flows to and from the memory on the access arm in 100-character lots. The entire stack rotates at 1,200 RPM, so that any address in the memory can be located in milliseconds.

RAMAC uses punched card input and punched card and printer output. It relies upon a powerful combination of stored program and control panel wiring for instructions to carry out its data processing operation.

Besides the disk memory unit, these are the principal components of a RAMAC:

IBM 370 Printer—This is used for the automatic preparation of printed reports. Continuous forms are positioned in the printer automatically by a punched tape in the tape-controlled carriage.

IBM 323 Card Punch—This is used only as an output device. Information flows to it directly from one of the tracks of the drum memory in the processing unit. It punches up to 100 cards a minute.

IBM 305 Processing unit—This contains a magnetic drum for working storage, a magnetic core buffer memory through which information is transferred, and the control circuits for data handling and arithmetic. The drum stores program instructions and furnishes temporary working storage to rearrange the information in records. It also contains sections used for accumulating, multiplying, and inquiry output. The magnetic core buffer holds up to 100 characters for the transfer of information from the magnetic drum or a track of the disk memory.

IBM 380 CONSOLE—Control center of RAMAC is the operator's console. Input to the system is accomplished through a punched card reader incorporated in the console unit. Through a transmittal keyboard, the operator can ask the machine's memory for specific stored facts such as inventory position or earnings-to-date figures. Answers are automatically typed on a typewriter at the Console. Corrections to data in memory are also made through the keyboard, and indicator lights keep the operator posted on the status of processing at all times.

Here are some typical RAMAC uses:

Billing, inventory, sales analysis, and updating accounts receivable.

Payroll and labor distribution.

Inventory control and requirements planning.

Budget and appropriation accounting.

Production control.

Additional Plant At Lexington

Thomas J. Watson, Jr., president of International Business Machines Corp., announced in June plans to build additional manufacturing facilities for the company's Electric Typewriter Division in Lexington, Kentucky.

A 386,000 square foot, single story plant will be constructed on a 278-acre site north of the city on the Belt Line Highway. The acreage, which is presently Eastern State Hospital property, is now under option to the company.

A building comprising 40,000 square feet of floor space will be ready for initial occupancy and training operations in late 1956, and the remainder will be completed by the summer of 1957. The plant, when completed, will employ about 1,800 people.

H. W. Miller, Jr., general manager of the division stated, "The dynamic and unprecedented demand for IBM electric typewriters has prompted us to supplement our present manufacturing facilities. The new Lexington plant will become a major component in the production of IBM typewriters."

"This new plant will not only permit us to fill the requirements of the near future, but will be a significant stride in meeting the demands of the expanded markets of the coming years," Miller said.

The steady growth of IBM's electric typewriter business led to the reorganization of the typewriter division last fall, making the division an autonomous operation with a separate administrative structure.

IBM's present manufacturing facilities for typewriters are in Kingston and Poughkeepsie. Poughkeepsie production operations will be discontinued gradually as Kingston and Lexington plants reach full production.

Architects for the Lexington project are Fordyce and Hamby of New York City and the contractor is the Gilbane Construction Company of Providence, Rhode Island.

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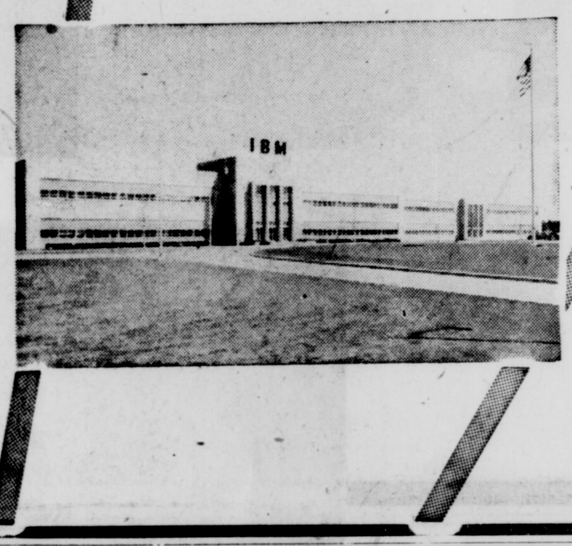

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To: IBM

Subject: Greeting and Citation

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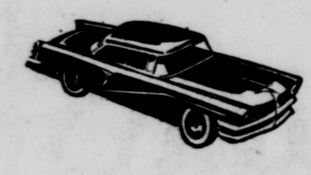
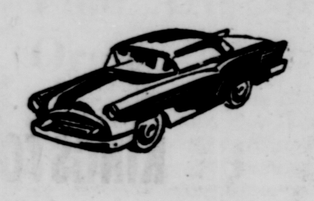
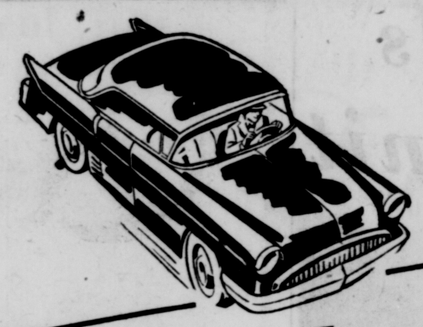

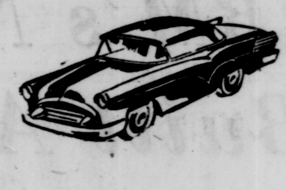

The Kingston Automobile Dealers Association wish to express their *Congratulations* to all who have made this monument to American ingenuity possible.

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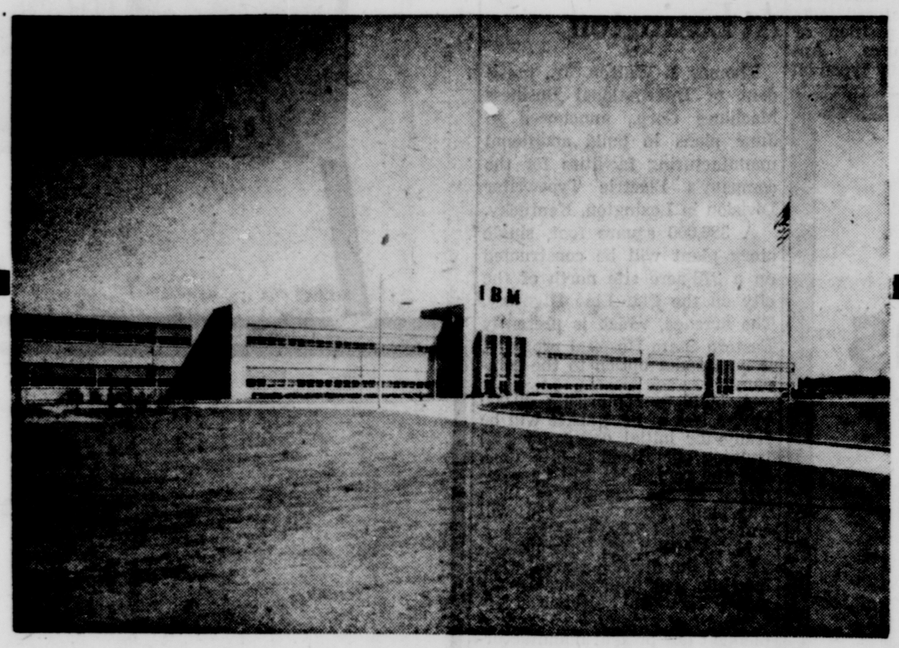

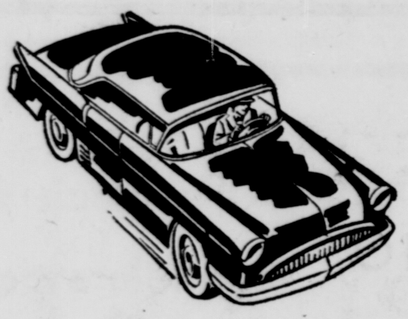

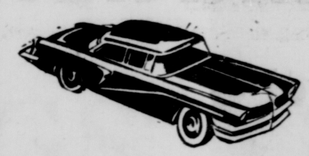
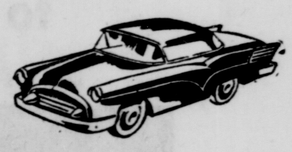

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Fine Arts Department Was Organized in 1939 by IBM

In the spring of 1939, the IBM Department of Fine Arts was organized—conceived by Thomas J. Watson as a project for bringing artists and business men into a closer relationship for their mutual benefit and for broadening the basis of art appreciation.

The name of the department was changed in August of this year to that of the Department of Arts and Sciences, since it was felt the new name better described the unit's activities. The department collections include early calculators, typewriters and timekeeping devices as well as Leonardo's models and fine arts collections.

The practical aspect of the plan from the artist's viewpoint was the acquisition of paintings by two living artists in each of the 79 countries in which this company operated, canvases characteristic of the art and life of the countries, chosen by local art juries. The enthusiastic reception led the broadening of the program and the assembling of two collections of 53 contemporary paintings from the United States and its possessions. The International and the United States collections were shown at the 1939 and 1940 World's Fairs at New York and San Francisco.

Over a period of 14 years the source of material have become world-wide. The general field of concentration is the Western Hemisphere and the primary core is devoted to the development of the art and invention of the United States from pre-Columbian times to the present. From these collections, touring exhibitions are assembled and loaned, on request only, to museums, educational and other institutions, free of charge. The Corporation bears all costs of transportation and insurance.

A great many publications dealing with the subject of art have been printed and distributed as an adjunct of the Fine Arts Department activities in collecting, exhibiting and caring for the Corporation's extensive collections of art objects. Since the collections cover the fields of painting, water color, sculpture, costumes and costumed dolls, ceramics, handcrafts, inventions and other categories, these publications are varied. They range from simple catalogue listings such as that for "Twenty-Two Painters of the Western Hemisphere" to 24 page illustrated brochures, similar to that accompanying the Leonardo da Vinci exhibition, giving biographical and general information concerning the school of art and historical background of the particular subject. Their purpose is to reinforce the educational values inherent in the works of art which represent the eyewitness account of man's achievements and aspirations.

The IBM 650 stores up to 20,000 digits and 2,000 separate "addresses" which can be called in a wink.

HAROLD D. ROSS, manager of engineering for the Military Products Division, has been affiliated with IBM Kingston since its establishment.

He was appointed to his present position in April after serving since March, 1955, as manager of development engineering at the IBM High Street installation in Poughkeepsie.

Mr. Ross joined the International Business Machines Corporation at Endicott in June, 1949, as a technical engineer, and was assigned to the company's Poughkeepsie laboratory in the same capacity a year later. He was promoted to project engineer in November, 1951, and was assigned to Project High in 1952.

Following his appointment as development engineer in 1954, Mr. Ross became manager of the IBM group at Lexington, Mass. From that post he was elevated to manager of development engineering.

Mr. Ross is a graduate of the Illinois Institute of Technology and Northwestern University. He is a member of the Institute of Radio Engineers, the IBM Country Club and the Association for Computing Machinery. Both his bachelor's and master's degrees are in Electrical Engineering.

Mr. and Mrs. Ross reside at 7 Hemlock Rd., Poughkeepsie.

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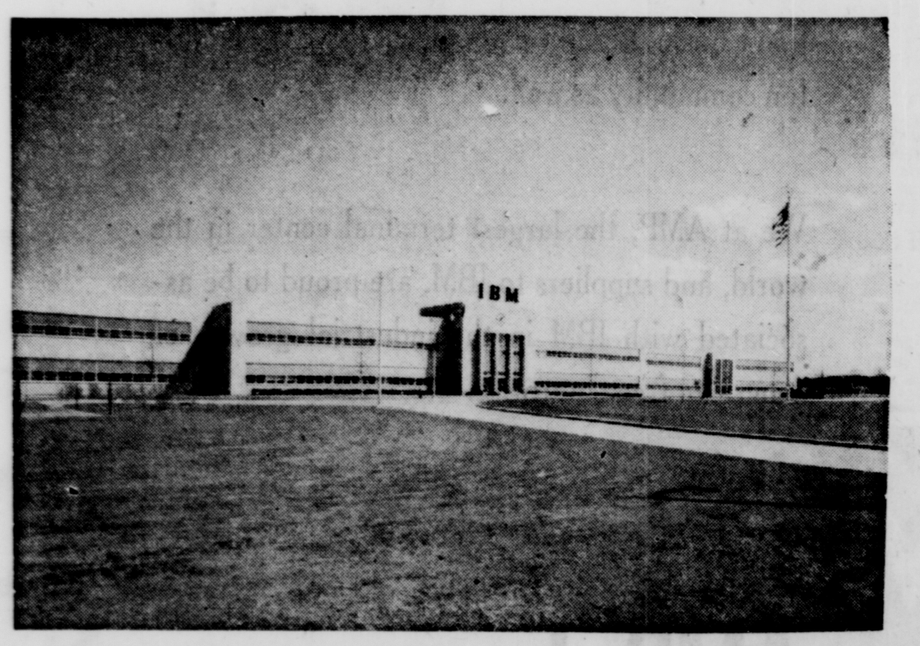

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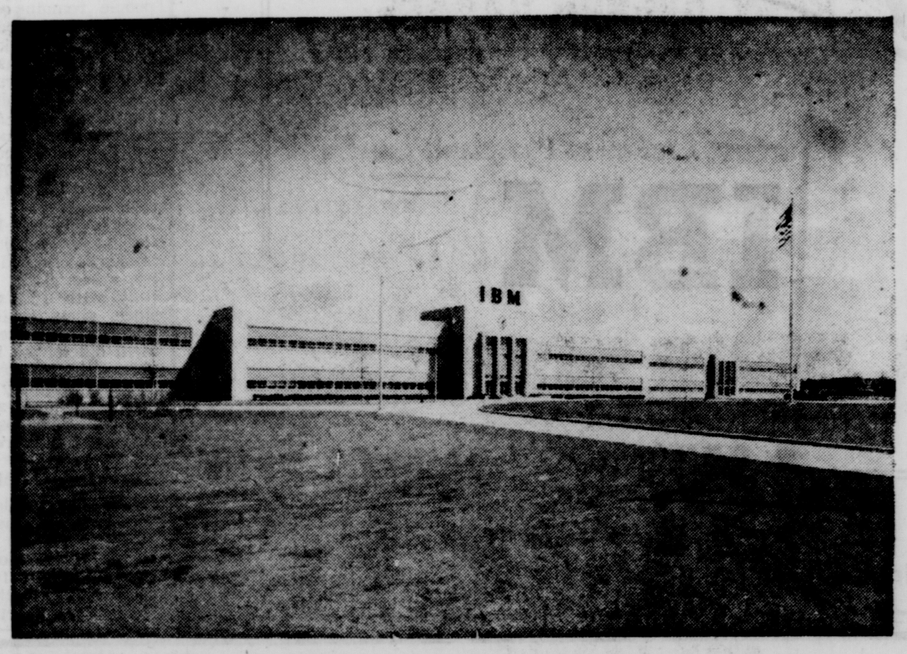

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Security System Safeguards Secret Projects for Nation

Employes Refrain From Talk About Classified Work

A "rumble" often is associated with a summer evening's warning of a forthcoming thunderstorm. In U. S. Government parlance, a "rumble" is also a warning—but, unlike nature's premonition, it doesn't mean necessarily that there is a storm in the offing.

For the Government, "rumble" is a rumor that something may be wrong in one of the industries entrusted with defense projects vital to the safety of the United States. The Government checks all "rumbles" to make certain that no storm is brewing in the nation's highly guarded security program.

A FEW WEEKS ago the telephone rang in the office of the IBM Security Director at WHQ. When he answered, he recognized the voice as a Government Industrial Security inspector. The inspector said that he had heard a "rumble" about a reported error in security procedures at an IBM plant doing classified work for the military.

With the defense of the country at stake, the Government officials believe that no rumor is too wild to be investigated and the IBM Security Director was asked by the Government inspector to make arrangements for him to visit the plant in order to clarify the question.

It was not the first time that a Government inspector had requested a security inspection of an IBM plant. Most industrial standing job that could be done by any American corporation. In this connection we are making certain that military security requirements are complied with to the fullest extent."

As IBM's defense work increased, a full-time Security Department was established under the direction of George H. Simpson. He and his staff carefully reviewed every phase of the problem to make sure that every fine shading of security was understood and acted upon. They wanted to avoid inadvertent slips such as one committed by an otherwise security-conscious company with several important defense contracts.

The organization was to be visited by one of the top-ranking officers in a military organization for which the company was producing equipment. Plant officials were proud of the work they were doing for the government and arranged a complete tour for the visiting dignitary. He was shown work being done for the government that had no relation to the project the military official had come to see. He nodded gravely at each explanation, but said nothing until the end of the tour. Then he turned to his hosts and said tersely, "Please show me your authority for having shown me all this!"

THE PLANT officials, not thoroughly analyzing their security system, had failed in one of its most important phases. They had violated the "need to know" principle in discussing with the visiting officer the projects that did not concern his organization. Government requirements state that "knowledge or possession of classified defense information shall be permitted only to persons whose employment requires such access in the interests of promoting national defense."

The security system built up by IBM avoids such pitfalls. Security Director Simpson points out, however, "The system is not aggressive. We were not and are not trying to trap saboteurs with the security system. That is not our job. What we have been guarding against since the beginning is carelessness and ignorance in the handling of material vital to the defense efforts."

IBM security officials emphasize that, much like the operation of a successful machine accounting system, a security system depends on the capabilities of the human beings involved. Everyone working under security regulations is, in a very real sense, an operator of the system.

IBM'ers working under security regulations have shown an acute awareness of their grave responsibilities. They accept the additional duties with full cooperation. It isn't always easy. Security-consciousness can be a job in itself.

VISITORS TO IBM plants have seen the conspicuous signs outside defense areas proclaiming, "Restricted," "No Admittance," and "Authorized Personnel Only." These are familiar to all IBM'ers, as are the clearance badges worn by people who work in the restricted locations.

Probably not so well known is the multitude of regulations that each IBM'er concerned organizations doing classified work receive these requests periodically.

WHEN THE inspector arrived at the plant, he came armed with a number of questions designed to review the security set-up of the IBM facility. He took nothing for granted. Matters that previously had passed the closest Government scrutiny were reviewed again. Security procedures were re-sifted and re-examined as the Government inspector meticulously went about his job.

The work sheet that he uses to make a survey like this is 19 pages long. Each page has many questions. Before he completes an investigation of a plant, each of those questions is answered. Following are some of the areas that he carefully checks:

Storage facilities; mail and document control; marking and reproduction of classified material; destruction of such material; control of areas in which classified work is being carried on; the plant's guard system; fire protection; controls in shipping and receiving areas; and the clearance status of visitors to defense work sites, and proper clearance of companies doing subcontracting work on classified projects.

Each of the questions was answered satisfactorily, IBM officials were informed later. The "rumble" was charged off to an unfounded rumor and the company security officials were assured once again that the program they had set up when IBM first started to work for the Government was a sound one.

THIS COMPREHENSIVE security consciousness is the result of a system that was framed at the time IBM first met with Air Force officers several years ago to contract for important military projects. Company executives then were fully aware of the grave responsibility they would be undertaking. They knew that they not only were being called upon to produce advanced equipment never before made, but that they were assuming the responsibility of shielding from compromise important plans and specifications.

Later, IBM President Thomas J. Watson, Jr., was to write Air Force officials concerning the emphasis that the company was placing on security measures. In part the letter said, "We in IBM are extremely proud to have been selected to handle certain Air Force development and construction projects. We consider these contracts our number one responsibility and we are taking every possible step to make sure that IBM will do the most outwith security must remember in the course of everyday duty.

From the day an IBM'er completes the security forms, which must be filled out by all prospective employees in IBM's defense efforts, until the day the project is finished, he works under regulations not encountered by other IBM'ers.

Even his home life is affected. There can be no conversation about the classified work he is doing during his working day. He cannot even enlighten lifelong friends, parents or his own family. Every word must be weighed.

The success of IBM security representatives in impressing employees with the importance of security-consciousness is perhaps best exemplified by the case of one young IBM engineer.

One evening this engineer, after parking his car briefly on a side street while picking up a prescription, returned to find that someone had broken into his automobile. Among the missing contents was his briefcase containing office work. He had that day received a secret paper from his laboratory's Document Control Center.

He had left the laboratory hurriedly that evening upon hearing that one of his children was sick. Was it possible that in his hasty departure he had failed to return the paper and had instead gathered it up with other material from his briefcase?

The engineer immediately contacted a Document Control representative, who returned to the laboratory and checked the records. Soon it was ascertained that the document had been returned and a receipt issued for it by a Document Control clerk at the end of the day. The representative then checked the actual file in which the document was located and found it in its proper place.

IBM security officers tell this story to point out how good security habits become almost automatic. The engineer, they say, did the right thing subconsciously.

ONE OF THE hardest adjustments for people working in the defense areas to make, however, is to refrain from discussing with other employees, friends and relatives the over-all purpose of their project. As an IBM engineer assigned to one of the highly classified projects remarked, "All the people who worked on the 701 proudly pointed out to others the end product of the project that kept them busy for the past couple of years. Naturally, we would like to do the same thing—but we realize how important it is that we don't."

This engineer and the many other IBM'ers indoctrinated in security regulations take this rule, and others like it, in stride.

Security Director Simpson points out, "A good part of the success of the program is due to the fact that our people working in defense accept the restrictions necessitated by government security regulations. They control their natural curiosity about things that don't immediately concern their work. They are well aware that such curiosity is one of the main things that lead to lack of control over information. They are cooperative in every way and accept the extra requirements of security with an understanding of their importance."

As IBM grows, the extra requirements become increasingly important. Today, there are many IBM'ers cleared for some degree of security. More and more requests are coming in for security clearance. People in at least half the offices in the field have received security clearance in order to gain admittance to classified areas of customer operations.

THE MEMBERS of IBM's security organization are keeping pace with this growth. They are introducing new aids to help people remain continually vigilant. A punched card method of keeping track of documents now in use has been praised widely by air force investigators. Formalized training courses now are being given. A security manual has been issued. A slide film pointing out security highlights is being shown. Regular security inspections keep procedures at razor-edge.

However, the key to the entire program remains with all IBM'ers assigned to the security areas. They are complying fully with IBM's security code since they realize fully how much is at stake. As a government official put it not long ago: "Measures invoked on behalf of national security are accepted, in the last analysis only because their basic purpose is the preservation of our freedoms."

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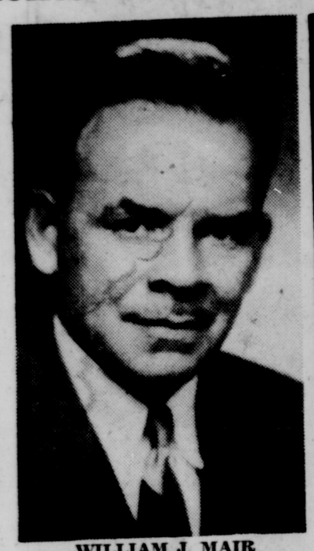

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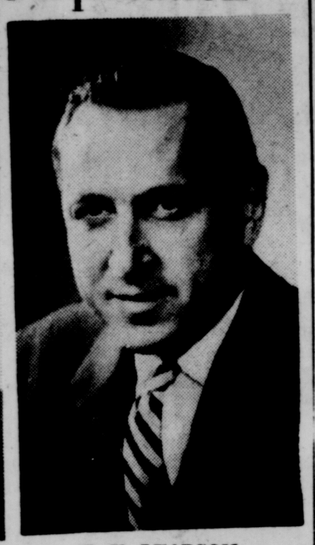

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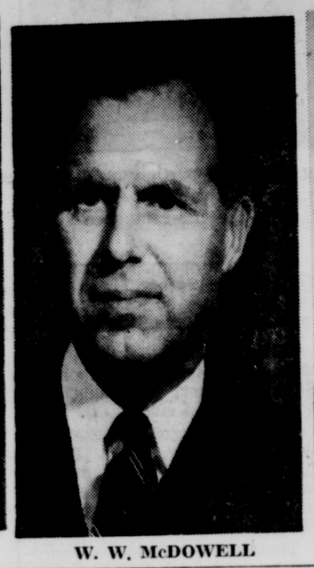

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World Trade Executive School

Seventeen European countries are represented in Lindau, Germany, at an executive school of IBM World Trade Corporation. The meeting, was attended by company officials from the United States, including President Arthur K. Watson and Thomas J. Watson, Jr., president of the International Business Machines Corporation, the parent company.

THE EXECUTIVE SCHOOL is set up much like a United Nations Assembly. It has general session, attended by delegates from all countries, and smaller workshop committees, which report back to the general session. The workshops deal with such varied subjects as finance and administration, production, engineering, education, personnel and sales methods, as typified by each of IBM's divisions: electronic data processing and electric accounting machines, electric typewriters and time equipment.

Arthur K. Watson, chairman of the meeting, said in his opening address, "This meeting is a milestone in international industrial management. It is also indicative of the rapid growth of IBM World Trade Corporation and all its associated companies. We have here a striking example of modern economic cooperation as practiced and evolved by our companies. European and American businessmen, who are business leaders in their respective countries and at the same time members of this worldwide organization, will have a chance to interchange ideas and experience and to make plans for future collaboration and expansion."

"WESTERN EUROPEAN production has reached record high levels," Mr. Watson said. "The total production index for 1955 is 39% up over 1950, and the manufacturing industries have increased production by 41%. We shall play our part—and this meeting is designed to help us to do so—to maintain and expand Western Europe's unprecedented prosperity."

One of IBM's newest units, the random access memory which was announced to the press a month ago, was flown from California to Germany for demonstration to the school. This machine can hold as many as 6,000,000 digits on its magnetized disks, and any information required is instantaneously available. The unit can be connected with the type 650 Electronic Data Processing Machine, now being produced in the United States, Germany, France and Canada.

Among the guest speakers addressing the executive school were Professor Michel Heilperrin of the Institut de Hautes Etudes Internationales, Geneva University, and Professor Dr. Walther Hoffmann, Director of the Institute of Economics and Social Sciences, Muenster University, Germany.

In all parts of the world, IBM employes are encouraged to take an active part in community and national activities which aid in local development and progress.

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Electric Typewriter Division Won Promotion to Separate Division

An entire division of IBM has been promoted.

That was the gist of an announcement made in a spacious room in a building that overlooks New York's Central Park.

IBM President Thomas J. Watson, Jr., was the speaker. He told his audience that the company was reorganizing the Electric Typewriter Division as a "completely autonomous operation with administrative structure separate from the other divisions of the company." The dramatic announcement was made early in the afternoon on Tuesday, September 27, 1955, before some 50 IBM directors, officers and executives following a luncheon at the Metropolitan Club in midtown Manhattan.

The new plan would become effective immediately, Mr. Watson said.

HE ANNOUNCED that H. Wisner Miller, Jr., sales manager of the ET Division since April 1947, was now general manager of the new organizattion. Henry W. Reis, Jr., assistant sales manager since 1949, was promoted to sales manager and Robert H. Rettew, previously administrative assistant to the IBM controller, was named controller of the ET Division.

The news of the reorganization of the division was released immediately to newspapers all over the country.

President Watson said that the change of administrative set-up had come as a result of the tremendous progress of the division, which had outgrown its previous administrative setup. He indicated that this would be the first of several moves to set up independently operating divisions within the company.

MR. WATSON, in explaining the significance of this unprecedented move in IBM history, said, "Within a basic framework, which the corporation will lay down, the general manager of the ET Division will now have complete operating responsibility in his division. We will give him the necessary authority to accomplish this task. He will have great freedom of action and decision."

He pointed out that the corporate executives in such areas as engineering, financial, sales and manufacuring will be available, in a staff capacity, to give Mr. Miller and his division assistance in policy matters. However, they will exercise no operating control over the division.

He then outlined the far-reaching results that he saw in the reorganization of the division. They included: more attention to the day-by-day operating problems of the division; decision-making closer to the point of the problem and, subsequently, faster and better decisions; a far better utilization of the time and ability of all IBM executives.

Upon completion of his discussion of the significance of this new IBM approach to management, the company President turned the meeting over to the new ET General Manager. Mr. Miller stated that the announcement was a great thrill to him because it represents "the promotion of the entire ET Division."

He added, "It is a recognition of our expansion and our coming of age. This landmark will result in increased revenue and profits for IBM and faster growth of ET."

The ET Customer Engineering organization, under the direction of R. L. Krauss, ET Customer Engineering Manager at WHQ, reports directly to the ET General Manager.

The factory organization, headed by C. F. Vough, ET Manufacturing Manager, with its own personnel and purchasing departments, will report to the ET General Manager.

THE MEMBERS of the ET Product Development Department, under the Managership of L. A. Bechtel, will report to ET General Manager Miller.

The Division will have its own general accounting section.

This new concept of management has come to an IBM Division that, in slightly more than twenty years, has changed the entire picture in an industry. In 1933, when IBM entered the electric typewriter business, few of the machines were in use and the company was the only manufacturer of electrics. As the Division grew and electric typewriters began to appear in offices and schools all over the country, the ET Division introduced proportional spacing. The Division pioneered in bringing bright colors to the once-staid colors of dull black that encased most typewriters, as well as being in the forefront in introducing a great number of new type styles.

When IBM began producing Electric Typewriters, some seventy-five people comprised the group that built the machines. In the field there were only five sales outlets. IBM's Typewriter sales force was made up of about ten men.

By 1935 sales emphasis rose sharply. Sales and service schools became an important part of the program. ET Salesmen were sent to each of IBM's branch offices.

But it was after World War II that the ET Division began to take giant steps. The demand for more production space had brought about the moving of manufacturing facilities from Rochester to the large plant at Poughkeepsie.

Even this was only a beginning. Yearly revenue from sales, service, and supplies has increased more than 400 per cent since 1946. The Division is still pioneering. Last year it introduced new model typewriters offering thirty-five improved features. This type of progress has meant greater opportunities, which have resulted in more promotions. In just the past year and a half there were more than 120 sales promotions, and 138 Customer Engineers were assigned to positions of greater responsibility.

THE CONTINUOUS growth of the Division once again has necessitated greater facilities for production. The first new factory in the world designed solely for the manufacture of electric typewriters has risen in a mountain-edged valley near Kingston.

The plant offers the typewriter builders some 332,000 square feet of operating space. and is the focal point for all ET assembly-line operations in this country. It contains the most advanced production equipment, including an integrated system of overhead conveyors to transport parts and assemblies to various departments, as well as automatic machining equipment. Materials flow on a straight line from the receiving point to the shipping platform.

Today's picture is certainly bright. Tomorrow? In the words of the new General Manager, "The trend toward electric typewriters is accelerating at an explosive pace. Thousands of offices already have standardized on electrics. I expect electric typewriter sales will exceed 50% of the industry's output within the next five years."

This was the optimistic statement of a man for whom Vice-Chairman J. G. Phillips, at the announcement luncheon, predicted "tremendous success" in heading the reorganized Division.

The enthusiastic new General Manager has been proving his ability for more than eighteen years. Mr. Miller joined the company in 1937, and, upon completion of Sales School, he became a Salesman in New York. During 1939 he was the leading ET Sales Representative in the country. In February 1940 he was promoted to Electric Typewriter Manager at Detroit. Upon returning to IBM after military service, he was assigned to the position of Assistant Electric Typewriter Manager of the New York branch office. Less than two years later he was promoted to Sales Manager of the Division.

THE EXECUTIVE who will take over Mr. Miller's job as Sales Manager, Mr. Reis, has been with IBM since 1938.

The new Controller of the Division, Mr. Rettew, joined IBM in 1940 at the Endicott plant. His latest assignment has been Administrative Assistant to the IBM Controller.

These were the major advancements announced with the reorganization of the ET Division. However, the most important news was that an entire Division had been promoted.

An employe checks the printing quality of partially assembled IBM Electric Typewriter by means of an electronic device. IBM's new electric typewriter plant is the most modern typewriter plant in existence.

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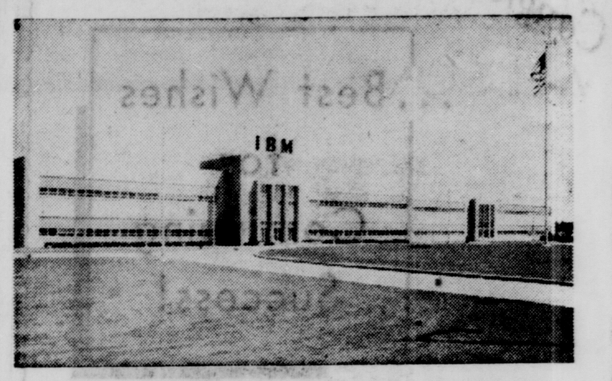

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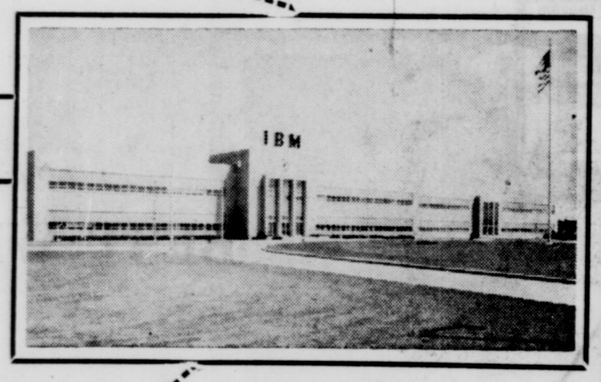

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At Endicott, the plant received the Grand Award in the thirtieth annual thirteen-week safety contest sponsored by Associated Industries of New York State, Inc. The presentation was made in recognition of the plant's record of completing more than five million accident-free man-hours for the contest period of January 2 to April 2.

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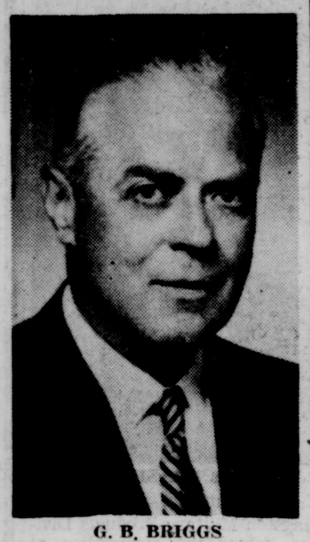

G. B. BRIGGS
Asst. Treasurer

IBM Benefits to Employes Outlined By Chairman at Annual Meeting

In the report to stockhouders of International Business Machines Corporation at the annual meeting held April 24, the following report on IBM benefits to regular employes, which are paid for entirely by the company, was made:

Fully paid employe benefits include life insurance which starts at $1,000 at the end of one month's service. At the end of one year it is increased to $3,000, and from one year to five years it is increased $3,000 a year, so that at the end of five years of continuous service the employe has $15,000 of life insurance. It is increased $1,000 a year for the next five years, so that at the end of ten years of continuous service every employe has $20,000 worth of life insurance. After the tenth year, equal annual increases are made so that when the employe joins the Quarter-Century Club he has $25,000 of life insurance.

THE COMPANY provides pay for seven holidays each year. Under the IBM vacation Pay Plan, an employe with six months' to one year's service receives one week's vacation with full pay; after one year and up to 10 years, two weeks' vacation with full pay; after ten years' service and up to twenty-five years', three weeks' vacation with full pay; and after twenty-five years' service, four weeks vacation with full pay.

Under the IBM Sickness and Accident Pay Plan, hourly rated employes receive six dollars per day for the first three working days of absence due to illness; beginning with the fourth consecutive working day absent, the company pays full wages or salary for six months. At the end of six months, each case is treated individually depending on physical condition and other factors surrounding the case.

As approved by the stockholders, the amended IBM Retirement Plan (supplemented by payments from the Watson Fund) provides employees retiring at age 65, with 10 or more years' continuous service, with a retirement income for life, based on length of service, of from $110 for ten years of continuous service to $275 a month for 45 years of continuous service, both figures including Social Security. Under the new retirement formula, which is based on earnings as well as length of service, a retiring employe receives whichever retirement income is greater—the one computed exclusively upon his length of service or the one computed upon both length of service and earnings—but no retirement income shall be greater than $25,000 a year, including the employee's Social Security benefit. The amended Plan will now be submitted to the Internal Revenue Service for approval.

UNDER THE NEW formula, an employee with 45 years of service whose average earnings have been $6,000 a year would receive $293 a month upon retirement, and an employe with 45 years of service whose average earnings have been $7,000 a year would receive $341 a month, both compared with the new $275 based upon length of service alone.

Other retirement benefits for employees with 45 years of service are as follows:

Average earnings of $8,000 a year—$390 a month.

Average earnings of $9,000 a year—$439 a month.

Average earnings of $10,000 a year—$487 a month.

All of the monthly retirement income amounts include the employee's Social Security benefits.

Retired employes also receive paid-up life insurance policies starting with $500 for ten years of continuous service to $2,250 for 45 years of continuous service.

Effective June 27, 1950, when the United Nations initiated action in Korea, the company's benefits for employees in military service were reinstated. Members of the IBM organization with the company for one year or more who enter the armed forces of the United States receive the equivalent of three months' compensation, paid in equal monthly payments, during each year of military leave of absence, up to a maximum payment of $1,000 per year. The benefits of the IBM Family Hospitalization Plan are extended to the wives and children under nineteen years of age of employees in military service.

The IBM Widows and Orphans Plan is for the benefit of widows and children of IBM employes who died while serving in the armed forces of the United States during World War II and the Korean conflict. The company pays such widows and children an amount equal to that paid by the United States Government under the Widows and Orphans Act. Payments by the company to the widow continue for her lifetime or until remarriage. Payments by the company for a child continue until age twenty-one.

CHESTER P. BACCARI, manager of the Systems Test Division, started with International Business Machines Corporation as a student engineer in June, 1950.

After training at Endicott, Mr. Baccari became a machine designer in January, 1951. He was later promoted to technical engineer in the Release Engineering Department at Poughkeepsie. From January, 1953, until August, 1954, Mr. Baccari served as a group leader in the Logical Design Section and was promoted to associate engineer and later to project manager of final systems test.

He joined the Kingston Military Products Division Plant in February, 1955, and last April was promoted to his present position.

Mr. Baccari is a graduate of Rensselaer Polytechnic Institute with a bachelor's degree in electrical engineering. He served more than three years in the Army Signal Corps. He is a member of Tau Bet Pi, Sigma Xi and the National Honor Society.

Mr. Baccari, his wife and their three children live on Ratterman Road in Woodstock.

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IBM

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New Store Hours
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Split-Second Answers

Speed is an all-out challenge to a group of scientists at the Ames Aeronautical Laboratory, Moffett Field, Cal., operated by the National Advisory Committee for Aeronautics. Their research efforts are directed at making practicable flights by aircraft and missiles at supersonic speeds. This research in speed poses many complex problems—new problems as well as old ones in disguise. To help solve their problems in speed, the scientists have turned recently to a specialist in speedy calculations—the IBM 650. The machine is being used to handle the innumerable mathematical calculations connected with the research.

Tops in Safety

Carefulness is the watchword at IBM plants. This is particularly evidenced by the recent announcement that first place in the Light Machinery Division of the National Safety Council's annual safety contest was won by the Poughkeepsie IBM plant. The award also embraces the safety record of the Poughkeepsie laboratories. Second place was taken by Remington Arms Company, and third place by the Endicott IBM organization.

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Best Wishes to

IBM

Tomorrow is a day to remember! The opening of the Kingston Area Plant, a stepping-stone to a successful future! IBM, We salute you, your executives and your employes.

15 Buckingham Avenue
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Congratulations to IBM

ON THE COMPLETION OF THE KINGSTON AREA PLANT

Another Milestone in the Remarkable Program of Progress of This World-Famous Industrial Organization.

Spaulding Table Queen Bread
SPAULDING BAKERIES, INC.

Assembly workers at IBM's new electric typewriter plant speed the partially assembled typewriters along the two-mile long conveyors that run through the 342,000 square-foot building.

JAMES H. FRASER, manager of manufacturing of the IBM Kingston Military Products Division, joined the corporation at Newark, N. J., in July, 1932, as a customer engineer.

He later served as an assistant sales representative at Newark and in 1939 was assigned to Indianapolis as a sales representative. He became electric accounting machine manager at Charleston, W. Va., in January, 1947, and in October of that year was named Charleston sales manager.

In 1948, Mr. Fraser went to World Headquarters as assistant to the vice president in charge of engineering, and in 1949 was appointed manager of the IBM Poughkeepsie Laboratory. From 1950 until his present assignment he was administrative assistant to the vice president at Poughkeepsie.

A native of Palisades Park, N. J., Mr. Fraser received a mechanical engineering degree from Stevens Institute of Technology. During World War II he served as a captain in the U. S. Army.

He is a member of the IBM Country Club, the IBM Study Club, the Kingston Area Chamber of Commerce, a director of the Ulster County Chapter, American Red Cross, a member of the Rotary Club, the West Point Quartermaster Association and the IBM One Hundred Per Cent Club for the years 1940, 1941, 1946 and 1948.

Mr. and Mrs. Fraser and their two sons reside at 8 Willow Bend, Poughkeepsie.

Speeded by Cards

A west coast manufacturer of coffee, tea, spices, extracts, dehydrated vegetables and insecticides, with ten warehouses in addition to the main plant, has found that sales reports formerly prepared manually in 10 days can be produced in four days on electric punched card accounting equipment. This provides a far closer check on sales and permits operating with lower inventory, faster stock turnover, and a minimum investment.

Congratulations to all at IBM.

with best wishes for continued success!

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"Finest Men's Wear Since 1888"

Thirty-nine John Street, Kingston, N. Y.

Congratulations....

IBM

We are indeed proud to add our best wishes upon this splendid occasion. We greatly admire the engineering accomplishments of IBM . . . the accuracy of manufacture of all IBM products. The entire IBM family is a great tribute to the wise and benevolent leadership of the late Thomas J. Watson whose heart and skill has built this great organization. Their loyalty and able efforts have made possible the uninterrupted growth of IBM and contributed greatly to the world-wide reputation for excellence that IBM enjoys. Congratulations!

Ames Rubber Corp.

HAMBURG, NEW JERSEY

Congratulations

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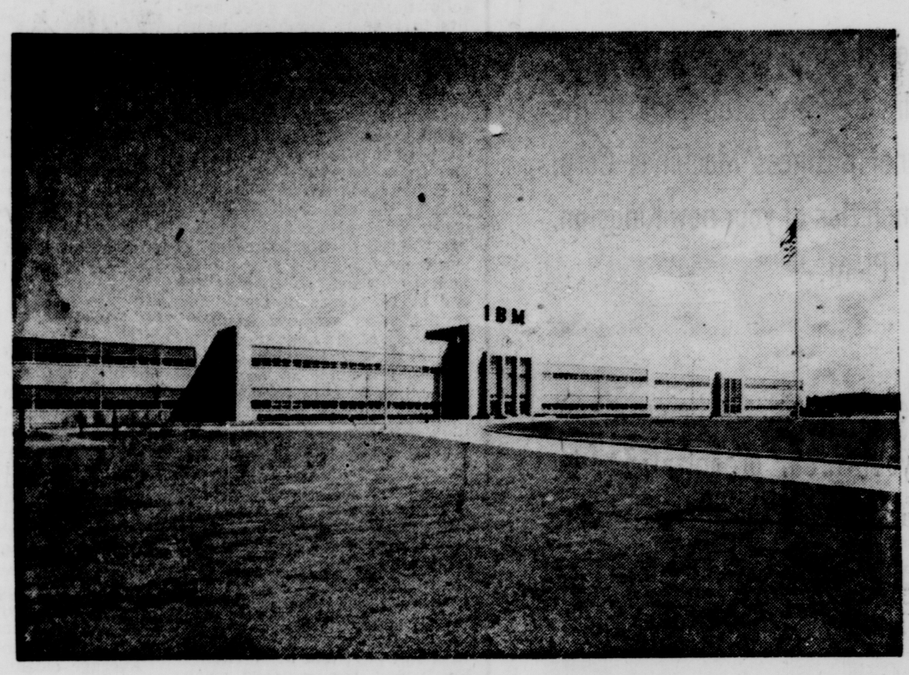


and

Mr. Thomas J. Watson Jr.

. . . . the employes, officers and directors

IBM is the symbol of industrial achievement . . . it is indeed one of the giants of American industry . . . it was made great by the foresight of its founder, the late Mr. Thomas J. Watson, by the ability and effort of each member of the IBM family and by the sound business principles that have made the company famous the world over.

In full recognition of the important part this great new plant in Kingston of IBM is certain to mean in the development of this area, we join in offering our most sincere congratulations.

V. J. Costanzi, Inc.

CONTRACTORS

Poughkeepsie, New York Poughkeepsie 7686 Enterprise 9749

Electronic Data Processing Center Opens in Belgium

New York—Belgium will have its first electric data processing center with the opening in Brussels of IBM's sixth European center of this type, it was announced today by Wilfrid Matthys, general manager of IBM Belgium. News of the new center was given at a dinner held by the Brussels section of the Association of Engineers of the University of Liege, in honor of Dr. Cuthbert C. Hurd, Director of Electronic Data Processing Machines of the International Business Machines Corporation in New York.

THE NEW DATA Processing Center in Brussels, one of a global network of centers in 13 principal cities, further expands IBM Belgium's facilities which include six sales offices, a service bureau, an assembly plant and IBM card plant in Brussels and a branch office in Luxembourg.

Serving the diverse needs of both large and small organizations, the new center will handle scientific, engineering, accounting and statistical computations and data processing for government, science and industry.

The bulk of the computations will be performed by the IBM 650 Magnetic Drum Data Processing Machine, to be shipped to Brussels from the IBM factory in Sindelfingen, Germany, as part of the company's plan for wide international exchange of parts and machines. Smaller electronic calculators and electric accounting machines will also be available at the Brussels Office, which will be specially redecorated to house the center.

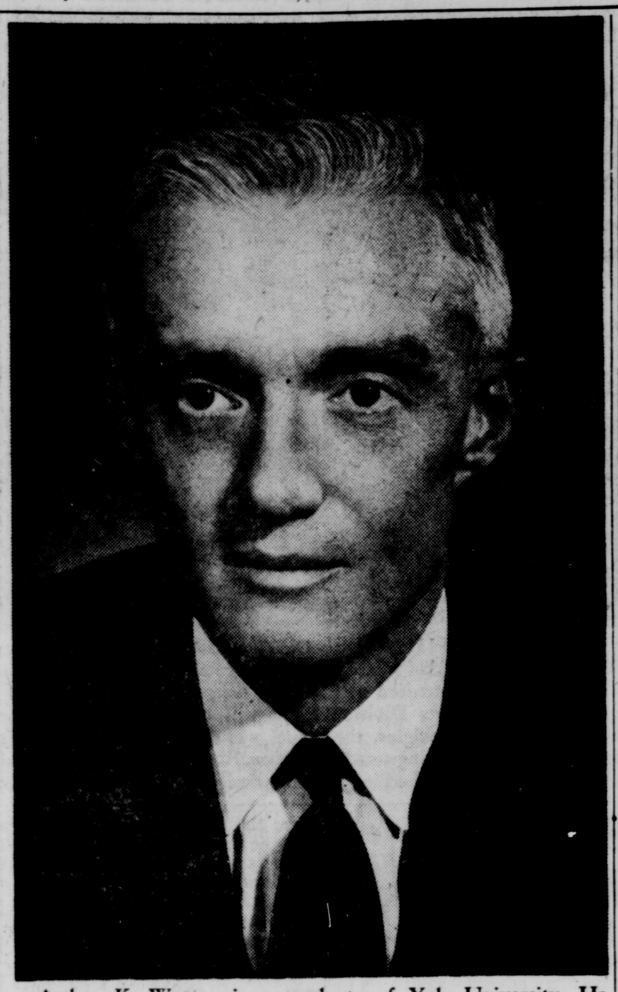
THE VERSATILE 650 can do sixty multiplications of ten-digit numbers per second, fifty divisions per second, or 200 additions or subtractions per second—checking the accuracy of its answers at the same time. The machine contains a magnetic drum "memory" only four inches in diameter and sixteen inches long which spins at the rate of 12,500 revolutions a minute, making available any of its 20,000 stored digits in less than three-thousandths of a second. The possibility of connecting the 650 to magnetic tapes and the access memory unit, renders its data storage capacity practically unlimited.

IBM Data Processing Centers are in operation in Paris and Stuttgart, with others planned for London, Zurich and Stockholm, and for Canada, Latin America and the Far East.

Teletype System

Just twenty-five years ago, a young man sat down at the keyboard of a new device at the IBM Home Office at 270 Broadway, New York. He briefly studied a message clipped to a panel in front of him. Then he moved his fingers rhythmically across the keyboard of the machine and copied the information. With this movement of his fingers he was marking a milestone in the history of IBM communications. The young man was inaugurating IBM's use of the Teletype—then a new means of fast communication between the Home Office and the company's plant at Endicott. In the intervening quarter-century, this Communications Unit has grown so it now handles some 500 messages a day.

Unique electronic circuits perform arithmetic and other logical operations and control all parts of IBM's NORC.



Arthur K. Watson is a graduate of Yale University. He served in the United States Army from 1941 to 1948, being discharged as a Major.

He joined International Business Machines Corporation in 1947 as assistant salesman. In July 1948 Mr. Watson was assigned to the World Trade Division of IBM. Upon the formation of IBM World Trade Corporation in September, 1949, as a wholly owned subsidiary, he was elected Vice-President. He was elected Vice-President and General Manager in May 1952 and President in June 1954.

Mr. Watson is a Director of the America-Italy Society, American Arbitration Association and National Foreign Trade Council; President of the American Society for Friendship with Switzerland; Vice-President of the Far East-America Council of Commerce and Industry; Trustee of Colgate University, Hotchkiss School, International House, New York, and the United States Inter-American Council and is active in many other international organizations. He is a Director of the New York Trust Company, the Fidelity and Casualty Company of New York, and the Niagara Fire Insurance Company.

The IBM World Trade Corporation follows a policy of employing nationals of the countries in which it does business.

IBM's NORC performs 13 distinct steps of multiplication on a 13 digit number in 31 millionths of a second.

IBM Real Estate Dept. Formed

To provide greater efficiency and flexibility in handling the increasing real estate growth of the company, the Branch Office Planning Department has been expanded and reorganized as the IBM Real Estate Department.

Payson L. Hunter, Manager of Branch Office Planning since 1951, has been appointed Manager of the enlarged department and will operate under the direction of the Vice-President in Charge of Sales.

THE ENLARGED department, which will provide the company with more flexibility in coordinating real estate activities, will supervise real estate transactions from beginning to closing. In addition to planning the physical layout of all sales offices and other field locations, the department will assist local management in site selections and work with architects and other principals from blueprint stages through leasing to the completion of the project.

To IBM
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Best Wishes to One and All
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FREE PARKING for Wards Customers
Largest Store in Town
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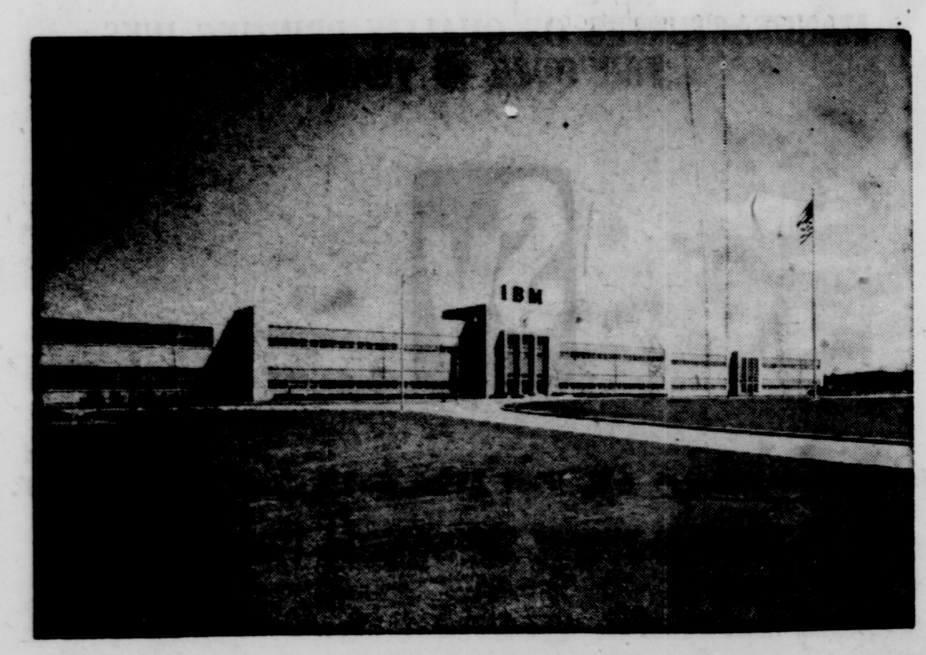

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Extends a Hearty Welcome to
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We, too are proud and pleased that IBM has chosen Kingston as the site of a handsome new plant. We at W. T. Grant look forward to growing with IBM in this wonderful community. To the people of IBM we extend our warmest congratulations and a sincere welcome.
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CONGRATULATIONS
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TO THE IBM FAMILY
ON THE COMPLETION OF THE GREAT NEW PLANT AT KINGSTON
Ulster Dutchess Machine & Tool Co., Inc.
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The assembly of IBM electric typewriters begins with the type bar assembly which is completed in three operations.

When a student emerges from his IBM training program, he is still to be exposed to further direct guidance.

Congratulations from ERIE
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We give our most sincere
felicitations to all personnel
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International Business Machine
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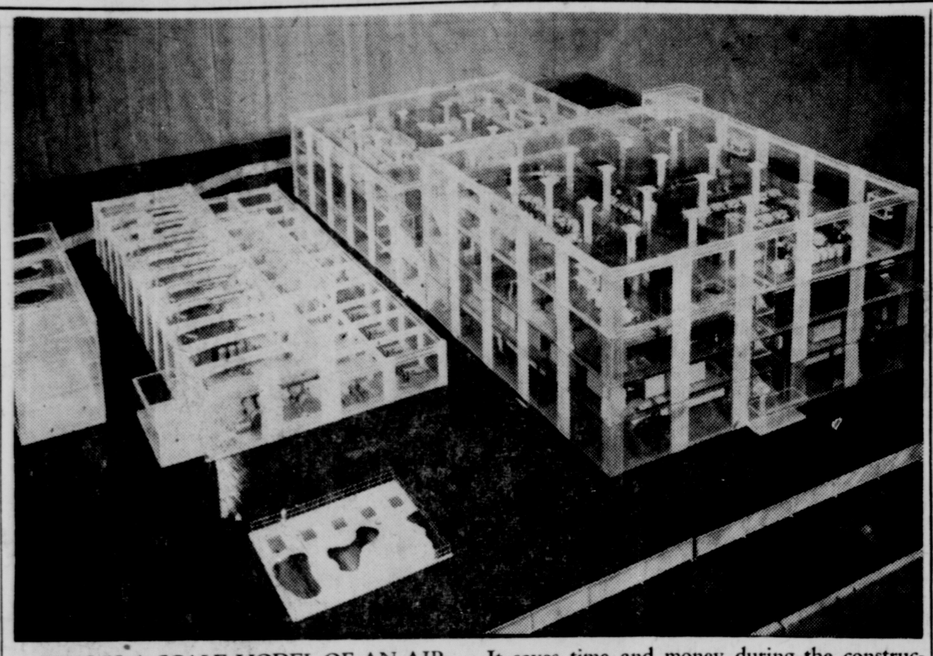

THIS IS A SCALE MODEL OF AN AIR FORCE site installation where air defense computers being manufactured in the IBM Kingston Military Products Division Plant will be located. Made of plexiglas, the model was designed by the IBM Kingston Installation Planning Department for checking building designs. It saves time and money during the construction stages of the sites. The two concrete buildings, right, will house the computers. A diesel motor generator plant is in the center of the photograph. Water cooling towers are on the extreme left and the fuel storage tank area is in the foreground.

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Building Cars With Punch Cards

Gleaming 1956 Fords, heralded these days in newspaper and magazine advertisements, are turned out on eleven miles of conveyor belts at the world's largest automobile assembly at Mahwah, N. J., with the aid of IBM punched cards.

Nestled in a hollow at the foot of the Ramapo Mountains, the newest plant of the Ford Motor Company is located just 25 miles north of New York City. Working on a 16-hour basis, it can turn out 1,080 cars and trucks daily.

Just a short time ago, 15,000 persons gathered in bright sunlight before the two-story administration building fronting the Mahwah plant for its dedication.

Within the plant today, production is in full swing. A passenger car frame inches its way down the final assembly line. At just the proper moment, the first in a string of engines—some standard, some with overdrive, some with Fordomatic transmission—moves over the frame by means of a U-shaped transfer bar and slowly settles into place.

AS THE LINE goes on, another overhead transfer allows the body of a four-door red sedan to hover over the frame, while any and all of Ford's eighteen car body styles patiently await their turn. Still farther on, a red front-end assembly makes its trip over a U-shaped bar and settles over the sedan, as its colorful brothers and sisters wait to make their trips.

Almost every car along the assembly line is different. So extensive, in fact, are the possible variations, that more than 9,000 individual parts are delivered to Mahwah for the assembly of cars and trucks.

Each part, then, as it meets another on the assembly line, must be the right one. This order and timing is maintained by a vital communications system in which IBM machines have an important part.

PUNCHED CARDS containing the model designation and options such as paint and trim are used to allow workers to know what's expected. These cards are forwarded to the center of a communications web called the Broadcast Room.

Told when a unit starts on the line, an operator inside the room selects the proper punched card and precedes it with a line-up card. Together they are put through an IBM 063 Card-to-Tape Punch, and the resultant tape is sent out by a teletypewriter circuit to points along the appropriate assembly line.

Close timing is required here, for a delay in excess of fifteen minutes might result in delay along the line.

At one receiving point, for instance, a man selecting fabric for car cushions is told what's needed on the line next. At another, a man is told the size of tires needed.

In all, three teletypewriter circuits carry specifications to three main lines—one for trucks, one for car and station wagon trim, and one for the car and station wagon chassis assembly—involving some thirty-five receiving stations.

"The broadcasting function is a critical one, as failure to provide complete specifications within a slim time margin might, in short order, adversely affect plant operations," says Sander de Haan, supervisor of the Tabulating Section at Mahwah.

"TO SERVE OUR customers individually and efficiently, this method of communications is used to tell the assembly lines, at the proper time, of the exact requirements for each car coming along, while still maintaining mass-production methods," he points out.

Besides the five Card-to-Tape Punches at Mahwah, the company also has an extensive IBM accounting installation and IBM Typewriters, while IBM electronic clocks are in use throughout the plant.

Every minute a proud new Ford rolls off the assembly line in a plant big enough in which to play thirty-five football games simultaneously. Yet never once, largely because of Mahwah's communications system and the IBM Card-to-Tape Punch, does a black sedan drive away with brown fenders.

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Largest Cabinet Company in Hudson Valley
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Congratulations
To
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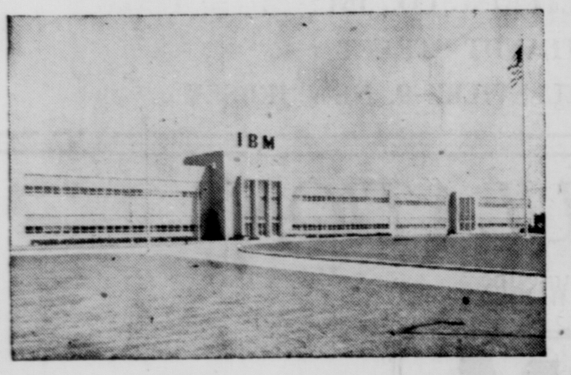
ON THE COMPLETION OF THE
NEW KINGSTON AREA PLANT
Our cordial greetings and best wishes for increasing success are extended to this great industrial organization, one that will contribute so immeasurably to the well-being and progress of Ulster County.
JOHN T. GROVES
General Trucking Inc.
Raymond Barth, Pres.
PORT EWEN, N. Y. PHONE 2972



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on the opening of
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Main Office & Factory: 611 West 129th Street, New York 27, N. Y.
OVER 35 BRANCHES PROVIDE SERVICE FROM COAST TO COAST

IBM Machines 'Flight-Test' Jets

An "electronic engineer" has been added as a new member on the staff of the Boeing Airplane Company to help in the further development of the Boeing 707 jet tanker-transport and other high-speed planes. The newcomer in this case is an IBM 650 Magnetic Drum Data Processing Machine, which has been installed at Boeing in Seattle, Wash., to help designers determine the flight characteristics of supersonic aircraft and guided missiles. The 650 is the latest addition to Boeing's large IBM installation, which includes a 701 and a number of other IBM machines.

THE FOUR-ENGINE 707 jet was designed for both commercial and military use. As a military plane the new aircraft is known as the Jet Stratotanker, and as a commercial transport, the Jet Stratoliner.

The Boeing 650 will be assigned scientific computations involved in many of Boeing's revolutionary new designs, including the ground-to-air guided missile "Bomarc." While detailed information about "Bomarc" naturally is limited by the requirements of national security, the Air Force has announced that the supersonic missile is designed to strike high-speed enemy bombers over areas away from vital targets.

The 650 also will assist engineers in the further development of the B-52 Stratofortress, a U. S. Air Force jet-powered heavy bomber.

In addition, the IBM machine will be used in extensive research and development work in such widely diversified fields as rocket and Ram-jet propulsion, supersonic and aerodynamics and electronics guidance and control.

CONGRATULATIONS
AND BEST WISHES

IBM

SIMMONS DAIRY, INC.
GRADE A MILK — MILK PRODUCTS
SAUGERTIES N. Y. PHONE 202

REAR ADMIRAL FREDERICK L. HETTER, SC, USN, Commanding Officer of the Aviation Supply Office, demonstrates the magnetic tape unit of the IBM Type 702 "giant brain" to Rear Admiral Ralph J. Arnold, SC, USN, Chief, Bureau of Supplies and Accounts. The "702" is installed at the ASO in Philadelphia, where it is used to provide the thousands of Naval aircraft based around the globe with parts and equipment they need. This one reel contains over 5,000,000 digits and letters of inventory information and is read at the rate of 15,000 characters a second.

Congratulations
and Best Wishes

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The Home of McCoy Aircushion Safety-toe Shoe with Fatigue Proof Insole
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The manager of quality control for the IBM Electric Typewriter Division is **DONALD G. DUNN**, who has been associated with International Business Machines Corporation since June, 1942.

After beginning as an inspector in the Poughkeepsie plant, Mr. Dunn was promoted to manager of quality control, second shift. He held various managerial positions in process quality control and quality control engineering until October, 1951, when he was promoted to project manager of two defense programs.

He worked in that capacity until October of 1953 when he was appointed coordinator of the MA-2 Defense Project, a position he held until he was assigned to his present post.

A native of Barton, Vt., Mr. Dunn was graduated from Barton Academy and attended the University of Vermont, Rochester Institute of Technology and the University of Connecticut.

During World War 2, Mr. Dunn was a special agent in the Counter Intelligence Corps, serving in France and Germany.

Mr. Dunn is a member of the IBM Country Club, IBM Study Club, American Society for Quality Control, the Boy Scout Troop Executive Committee of Spackenkill School and the Town of Poughkeepsie Zoning Board. He is past chairman of the Mid-Hudson Section of the Society for Quality Control and a past-director of the national organization.

Mr. and Mrs. Dunn and their four children reside at 20 Field Court.

New Computer

A portable miniaturized electronic computer to speed up reconnaissance data computation for bombing missions has been developed for the Air Force by IBM. Called COMAR-1 (for Computer, Aerial Reconnaissance), the 550-pound, 24-cubic-foot computer was developed for the Air Research and Development Command's Wright Air Development Center. The computer was installed recently at the Center's Aerial Reconnaissance Laboratory, Wright Patterson Air Force Base, Ohio.

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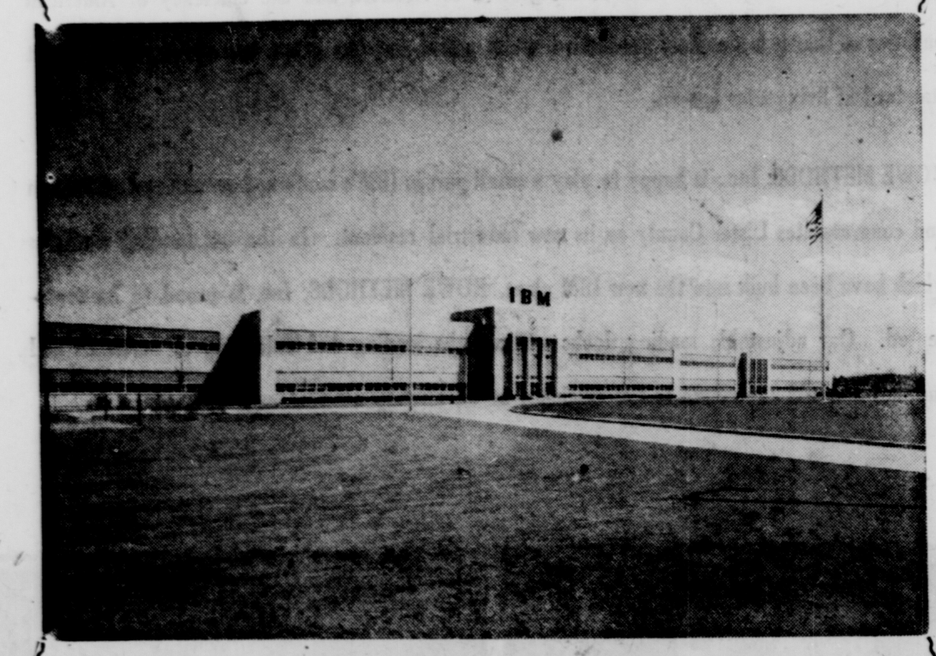

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"Quality Is Remembered Long After Price Is Forgotten"

These are our thoughts of the personnel of IBM.
It's a pleasure to have such people as neighbors.

Best Wishes
to
IBM®
on the opening
of their new Kingston Area Plant
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Everything for
RESTAURANTS — HOTELS — BARS — INSTITUTIONS
FOOD SERVICE EQUIPMENT
18 DUTCHESS TURNPIKE POUGHKEEPSIE, N. Y.

Income After U. S. Taxes $49,234,012

For the nine months ended September 30, 1956, International Business Machines Corporation today reported net income of $49,234,012 after estimated U. S. federal income taxes. This is equivalent for the nine months' period to $9.38 a share on the 5,251,118 shares outstanding at the end of the period, and compares with net income after taxes for the corresponding 1955 period of $38,437,353, equivalent to $7.32 a share on the same capitalization. As the result of a 2½ per cent stock dividend paid Jan. 27, 1956, and a stock split-up of 25 per cent on May 4, 1956, the number of outstanding shares was increased from 4,098,471 shares to 5,251,118 shares.

Net income of the corporation for the nine months ended September 30, 1956, before U. S. federal income taxes amounted to $105,269,912 compared with $81,655,253 in the corresponding 1955 period.

Effective in June, 1956, retroactively for rental machines produced since January 1, 1956, the corporation changed its method of computing depreciation on such assets from straight line to sum of the years-digits method. This change, which provides greater depreciation in the earlier years of an asset's life and lower depreciation in later years, resulted in a reduction of net income taxes amounting to $2,563,198 for the nine months ended September 30, 1956, the report stated.

HORACE C. BAILER, coordinator of field engineering at the Kingston Military Products Division, has had broad experience and knowledge in the field of IBM customer engineering.

He joined the organization as a clerk at the Endicott Plant in August, 1934. In January, 1940, Mr. Bailer became secretary to the manager of customer engineering at Endicott. He was transferred to World Headquarters in New York city in June, 1943, and promoted to the post of office manager in the Customer Engineering Department there.

In October, 1949, Mr. Bailer returned to Endicott as administrative assistant in the Customer Engineering Department. He held that post until he was transferred to Kingston last August as field engineering coordinator.

Mr. Bailer has completed more than 20 courses in IBM Schools.

He is a member of the Kiwanis Club and served as president of the Vestal Kiwanis Club during 1954.

Mr. Bailer, his wife and three sons reside on Lakeview Terrace in Kingston.

'Brane' for New Giant Bomber

The mammoth doors of a huge airplane hangar opened slowly to reveal the outline of a jet bomber. As the craft was inched forward, eight jet pods became visible, slung beneath the graceful swept-back wings. The tail section behind the enormous fuselage reached four stories into the air.

This is the Boeing B-52, the Air Force's "new long rifle," as General Nathan Twining dubbed it. Soon this mighty bomber, one of the biggest and fastest ever built, will replace the B-36 now in use by the Strategic Air Command, lending to the group its better-than-650-m.p.h. speed and its 6,000-mile-range striking power.

Soon the giant of the SAC fleet will have a "seeing eye," an IBM-developed electronic bombing and navigational system of unprecedented reliability called BRANE (Bombing RAdar Navigation Equipment).

Details of the intricate new system and its installation in the B-52 were made known at a press conference held at WHQ. C. F. McElwain, General Manager of IBM's Military Products Division, told members of the nation's press that the BRANE system is an integral part of a complex aerodynamic electronic and mechanical system utilized in an advanced aircraft. BRANE receives information from a number of sources within the aircraft and, after arriving at solutions, gives information for the operation of the aircraft. The equipment will be manufactured in IBM's new plant at Owego, N. Y., which will be completed late this year.

The most important feature of the IBM 650 is its magnetic drum. Numerical digits and alphabetical characters are stored on the surface of the drum in coded form on tiny magnetized spots.

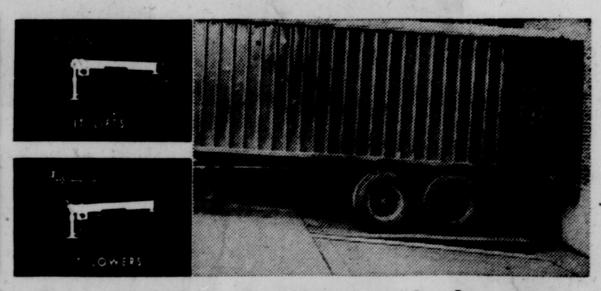
CONGRATULATIONS
to
INTERNATIONAL
BUSINESS
MACHINES
on their
continuous
growth and
on completion
of their
NEW
KINGSTON
PLANT
IBM

AERODUCT DUCTING OILITE PRODUCTS PARCO "O" RINGS
BEARINGS and MACHINE PARTS
HEARTIEST CONGRATULATIONS!
BEEMER ENGINEERING COMPANY
PHILADELPHIA 8, PA.
BRANCHES: New York • Buffalo • Rochester • Syracuse • Union, N. J. • Richmond, Va.

A Symbol of Quality
MONARCH METAL PRODUCTS INC.
Manufacturers of a Complete Line of TABULATING CARD ACCESSORIES
MONARCH METAL PRODUCTS, INC.
NEW WINDSOR (Newburgh), NEW YORK
NEwburgh 2-3100

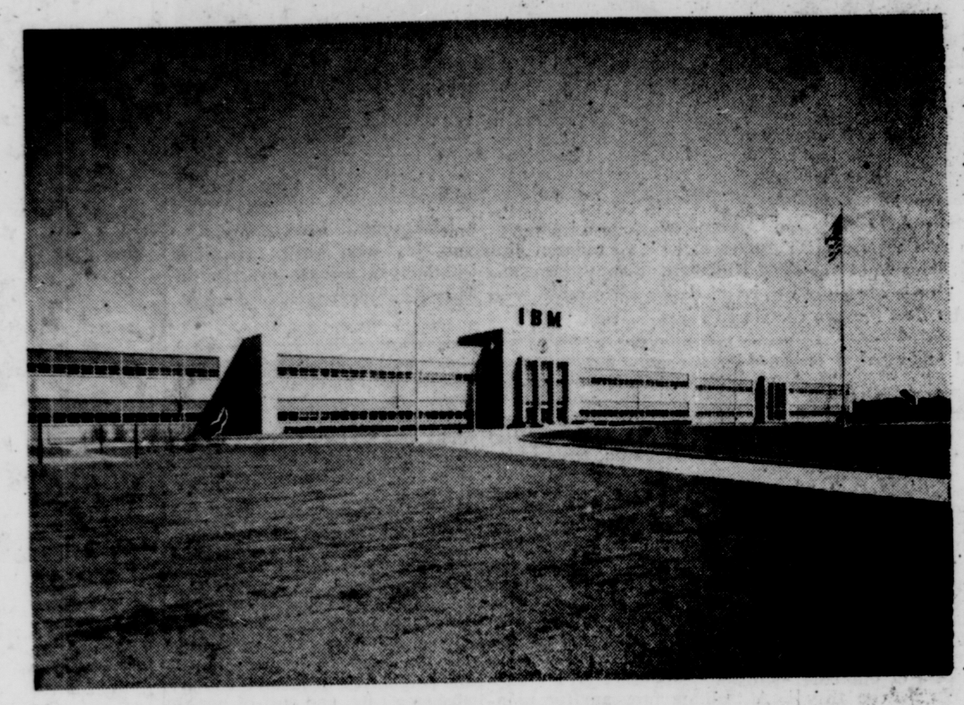
IBM
Opening Day at IBM is a "Red Letter" Day in the Kingston area. Tomorrow the crowds will be gathering to view this new plant . . . and to pay tribute to the people who made it a reality.
We congratulate the International Business Machines Corporation and wish continued success to your firm and loyal group of employes.
KINGSTON SAVINGS BANK
273 Wall Street Kingston, N. Y.
"MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION"

ROWE METHODS Inc.
Salutes IBM On The Opening
Of Its New Kingston Plant
IBM has been an important factor in the growth of America and the efficiency of American business so that it is the most productive in the world and has given our country the highest standard of living ever known.
ROWE METHODS, Inc., is happy to play a small part in IBM's continued growth and expansion and congratulates Ulster County on its new industrial resident. In the outstanding facilities which have been built into the new IBM plant, ROWE METHODS, Inc. is proud to be represented. Our adjustable loading docks will aid the loading and unloading of materials and supplies and will contribute to the efficiency of an already efficient organization.

Rowe Adjust-A-Dock raises or lowers loading dock platform to any freight carrier bed.
Available with capacities of 10,000 and 20,000 lbs., each unit has its own power unit, is designed to compensate for carrier height plus truck spring deflection and truck bed sloping. Surface made of checkered plate for maximum safety.

Rowe Adjust-A-Truck positions any freight carrier to dock level.
Available with a capacity of 40,000 lbs., this unit, by means of a heavy-duty electric hydraulic system, adjusts each vehicle to dock height. Designed for use where space is limited or in front of docks, it is set into the pavement in front of the docks.
ROWE METHODS Inc. 2534 Detroit Avenue • Cleveland 13, Ohio.

Congratulations

IBM



We offer our sincere congratulations to the International Business Machines Corporation on the opening of its plant in the Kingston area. We also extend felicitations to those who will work here to make IBM a still greater industrial organization.

We salute the Corporation for its foresight, ability and genius in pursuing ideals that realize the finest working conditions attainable for the employes of this progressive enterprise.

The community also is to be congratulated for having as part of its industrial life the beautiful and efficient buildings that comprise the IBM plant.

We are pleased to have had a part in the erection of this modern manufacturing unit and we wish to acknowledge the cooperation extended us in our work and express appreciation for the pleasant relationship with both the management and employes of this fine organization.

TURNER-CAMPBELL
Construction Company

Administration of IBM Industrial Safety Program

Accident Prevention Plans Are Developed

There are several major factors concerning the administration of an industrial safety program. They are management, safety engineers, product designers, tool designers, plant engineers, purchasing organization, departmental managers, and employes.

Safety standards are developed and general policies and regulations explained and defined by management. The safety engineer's responsibility is to assist and advise the departmental supervisory staff relative to personal safety. Also, he serves as a special assistant and advisor to management relative to the improvement of general working conditions.

Tools designed to produce accurate parts at maximum productions must provide maximum safety for the employes who use them. This is a responsibility of the tool designer. Product designers must build safety features into the products we manufacture. We must be interested in the safety and welfare of the people who operate our machines as well as our employes who build them. The plant engineer's responsibility is to lay out and arrange the plant and equipment to provide safety for the employes as well as requirements for production.

THE PURCHASING organization's responsibility is buying the right kind of materials and equipment at the right prices and having them delivered at the right time. The part of this definition that applies to safety is the first section which has to do with purchasing the right kind, which means the right quality as well.

The departmental managers individually and collectively carry a greater share of the responsibility for accident prevention than any other one person or group of persons. They stand between management and employes issuing interpreting, and administrating general safety policies, rules, and regulations.

The value of active participation by employes in our accident prevention program has long been recognized and will be retained. In general the greater the employe participation in a safety program the more effective it will be.

At International Business Machines Corporation, plant hygiene and employe safety begin with the executives of top management. They recognize the employes of IBM as being the greatest asset to our business; therefore, they become our chief concern. In view of this, our management insists that the general conditions of our plants be ideal at all times. There are no financial restrictions or limitations insofar as the health, welfare, and safety of our employes are concerned. We fully recognize too, the industrial safety problems that have been created by industrial advances through chemistry, engineering, and physics. Therefore, we have raised our sights to a higher level and are gearing ourselves to keep pace with these advances.

RULES AND REGULATIONS controlling the use of personal protective equipment are in effect. Regulation safety shoes equipped with steel toe box must be worn at all times by those employes working the areas deemed hazardous from the standpoint of foot injuries. Safety glasses made to federal specifications must be worn at all times by those employes working on operations that are hazardous from the standpoint of eye injuries. Plant visitors are equipped with regulation eye protection before being conducted through our plants. The use of such equipment has prevented many serious personal injuries, which justifies the continuation of our personal protection programs.

Mechanical safeguards are also provided wherever necessary and practical. A special cutter guard is used in connection with milling operations. It is fully adjustable to provide flexibility on various jobs. Complete enclosure guards are used on many machining operations. Many of these guards are equipped with micro switches for the automatic shutoff of power when the guard is disturbed or opened.

The IBM Safety Department consists of a full-time safety director and several safety engineers and accident investigators. There is also a plant safety committee consisting of one member in each department. The selection of the safety committeemen is unique in that the employes of each department select their respective representative through annual election.

We look to our departmental managers, or foremen as they are called in many plants, for much of the success of our employe welfare. We believe they are the leaders in a well-organized program of industrial safety. The responsibilities of our departmental managers are many. Among them they must have a general knowledge of potential health hazards and control. Each manager must understand that good housekeeping paves the way to helpful working conditions. He must be thoroughly familiar with toxic solvents. He must recognize the danger of dust and fumes which cause respiratory disturbances.

GOOD HOUSEKEEPING is our number one objective. While not directly harmful to health, poor housekeeping exposures can create bad working conditions and very easily cause indifference in the attitude of the workers. We believe that nearly everyone is happier in clean, wholesome surroundings.

A training program for managers in connection with employe safety is very essential and is carried on periodically with our supervisory staff. General meetings, presided over by executives of our business, have been a foundation for our health and safety program. These men insist that healthful working conditions be maintained at all times.

Managers' schools, conducted under our factory school system, also have served as an educational medium. We welcome outside assistance, and in this connection we are grateful to the New York State Department of Labor and hygienic associations which have always been helpful. We consider the information they have provided for their members invaluable.

The result of safe healthful working conditions is reflected in the percentage of labor turnover, absentee rate, and cost of health and accident insurance. We believe a well balanced industrial safety program is indispensable for successful operations. We intend to keep our supervisory staff and employes informed of trends, placing them in a better position to maintain a safe plant.

•FINE FIRST AID FACILITIES—The plant physician and six full-time nurses make up the Medical Department at IBM Kingston. Miss Elizabeth Dunn of Kingston is at desk (right) while Mrs. Ida Ferraro of Glasco cares for a patient in background. Inset shows Dr. Frederic Holcomb Jr., who serves as plant physician and conducts a private practice in Kingston, and Miss Rita Hennegen of Saugerties.

PAUL F. STEINKULLER, personnel manager of the Military Products Division at IBM Kingston, came to his new post from a position in which he gained a wide knowledge in the field of customer engineering work for the company.

In August, 1950, he was placed in charge of about 5,000 employes of customer engineering electric accounting machine activities in the New York city office of IBM. He held this position until his assignment to the Kingston operation.

Mr. Steinkuller joined IBM in September, 1931, as a customer engineer in the IBM Washington, D. C., office. Upon completion of his training he was assigned to the IBM office in Chicago and in May, 1940, became a field supervisor. He was appointed manager of customer engineering in Milwaukee in 1946.

Two years later, Mr. Steinkuller was promoted to the Chicago office in a like position and had charge of three divisions. In 1949, he was transferred to IBM World Headquarters as assistant IBM service manager. A year later he was assigned to manage the customer engineering accounting machine activities of the company.

Mr. Steinkuller, a graduate of Bliss Electrical School, has been active in parent-teacher work and many other community affairs. He is a member of the Kingston Kiwanis Club.

Mr. and Mrs. Steinkuller and their two children reside in Kingston at 84 Mountain View avenue.

ANDREW A. DALY, Manager of the Department of Education, came to Kingston May 17, 1955 from World Headquarters, where he served as Manager of the Department of Education.

Mr. Daly joined IBM in February 1943, at World Headquarters as an accountant. He was made Manager of the Department of Education there in December 1947, and held that position until he came to Kingston to be Coordinator of Management Development and Job Training.

In June of this year Mr. Daly took office for two years as President of the American Society of Training Directors, in which organization he had served as national Vice President. He also served as President, Vice President, Secretary and Board Chairman of the Metropolitan New York Chapter of the ASTD, and was General Chairman of a national convention.

Mrs. Daly is a member of the American Management Association and of the nationwide Adult Education Association.

Mr. and Mrs. Daly, their two sons and one daughter reside on Flatbush avenue, Kingston.

Human Relations

Human Relations—The natural desire and need of each employe for a comfortable, efficient and personalized place to work has been recognized in the new IBM Kingston Electric Typewriter Plant, by the inclusion of many design and equipment features. Although this plant will be one of the most advanced and highly productive in modern industry, those responsible for its planning and design attached equal importance to the human consideration of every individual employe, whose interest and cooperation will be the motivating force behind the success of the entire operation. Some results of this personal concern are: Each employe's work place has been planned to make his job as pleasant as possible, and to give him an individualized area from which to make his own contribution to the overall operation of the plant.

Customer engineers have been trained in IBM schools and have enjoyed the benefits of advanced classes.

A SALUTE TO

IBM

The city of Kingston marks an important milestone in its long historic growth. With confidence in the manifold skills of its industrial families, IBM's new plant signifies more than material progress to Kingston and its environs.

Along with the important contribution to the city's economic growth comes IBM's sense of civic responsibility and cultural achievements. A city and its families prosper when they find confidence and responsibility . . . when they can feel a sense of security. Those qualities provide the most significant aspect — opportunity. For with opportunity come homes, savings, business, education. The result is that important ingredient for happiness — well-being.

We salute IBM on the confidence it continues to show in the industrial families of the Mid-Hudson Valley. We salute Kingston and wish its people a long continued growth and prosperity.

M. Shwartz & Co.

For 88 Years . . . The Home of Good Clothes

POUGHKEEPSIE, NEW YORK

BEST WISHES . . .

IBM

AT YOUR OPEN HOUSE

"WHEN YOU THINK OF MEATS — THINK OF"

BECK'S BROADWAY MARKET

662 BROADWAY PHONE 4300

Congratulations

IBM on the opening of the Kingston Area plant.

EGGLESTON OFFICE EQUIPMENT COMPANY

41 New Market St. DITTO DUPLICATORS Po'keepsie, N. Y.

MASLAND FANCHER MENGEL

VALENTINE-SEAVER PHOENIX MONITOR (Cherry) PENNSYLVANIA HOUSE

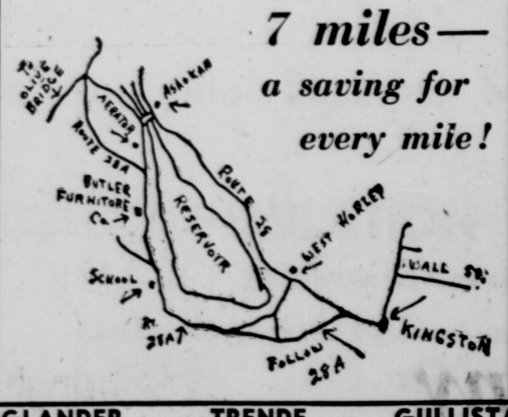
AMERICAN PULLMAN HERITAGE-HENREDON THAYER INTERNATIONAL

WE Congratulate IBM

BUTLER'S WAYSIDE FURNITURE STORE

On Route 28A in West Hurley

PHONE 5376



7 miles— a saving for every mile!

ENGLANDER TRENDE GULLISTAN

Our Congratulations to IBM

ON THE OPENING OF THE NEW KINGSTON PLANT

Sturrup, Inc.

Sturrup, Larrabee & Warmers, Inc.

Middletown, Conn.

Congratulations

IBM

We of FORST and all Kingston salute you on your great day, celebrating the opening of THE IBM ELECTRIC TYPEWRITER AND MILITARY PRODUCTS PLANT.

We are happy that world-famous IBM has become a leading member of our community. Ours is a wonderful city, rich in tradition and proud of the part it has played in American history.

Our company was established in Kingston nearly 100 years ago and we know our fellow citizens well. They are good neighbors and business-men — and loyal, efficient employes. Kingston is a fine city to live in, do business in and work in.

Thank you again, IBM, for becoming one of us. We know your Kingston Plant will enjoy success that will make it outstanding in the IBM organization.

U. S. GOV'T INSPECTED

For Flavor FORST'S FORMOST Meat Products

QUALITY FOR NEARLY 100 YEARS

FORST PACKING CO., INC., KINGSTON, N. Y.

Operating the Only U. S. Government Inspected Meat Plant in Ulster County

80 Vending Machines

Food, beverages and cigarettes are continuously available to all employes due to more than 80 vending machines conveniently located throughout the plant. Most of the income from these machines is administered by the employes' Advisory Board.

Congratulations

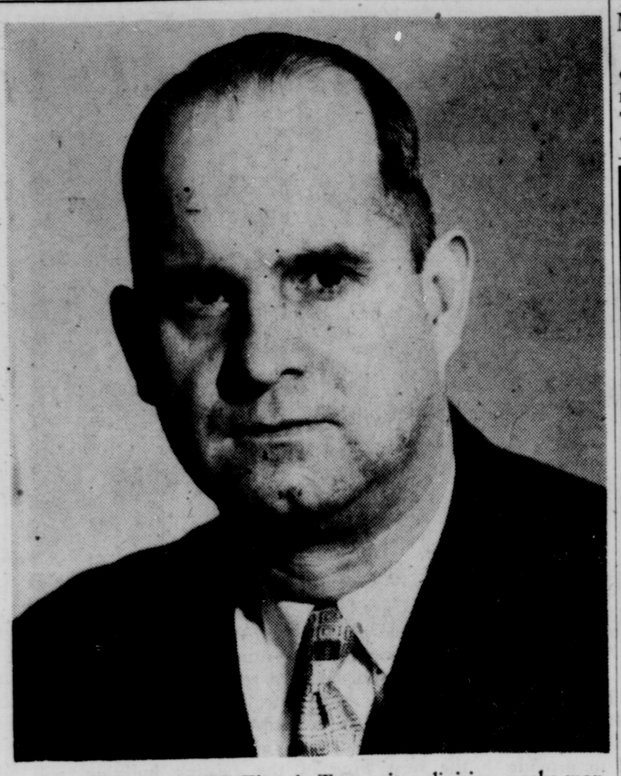
It gives us pleasure to extend our congratulations on this important occasion of IBM. The part we play in serving this great industry is among the pleasantest of our business associations.

WALLACE BARNES Company

DIVISION OF ASSOCIATED SPRING CORPORATION

Manufacturers of Springs and Spring Steel

BRISTOL, CONNECTICUT
Syracuse, New York



CLAIR F. VOUGH, Electric Typewriter division works manager of the Kingston ET plant, joined IBM in Endicott in September, 1933, as an assembler and served in that capacity until November, 1941.

From 1941 until 1945, he worked on special manufacturing that the company was engaged in for the United States government during World War II. He was transferred to Poughkeepsie in March, 1946, as a technical engineer in the Assembly Analysis and Records Department and Methods and Estimating Departments in May, 1948.

In March, 1951, he was made project manager of several departments handling IBM preparedness program contracts in Poughkeepsie for the government. In early 1952 he was given complete charge of all aircraft instrument manufacturing which included bombing navigational computors and bomb sights. In December, 1953, he was promoted to assistant superintendent in charge of Industrial and Manufacturing Engineering. Mr. Vough held this position until May, 1955, when he took over his present assignment.

Mr. Vough was born in Overton, Penn., and attended Overton schools. He also attended the Wilkes-Barre Business College. After joining IBM, he participated in many of the courses given under the IBM Education Program.

He is a member of the IBM Country Club, IBM Study Club, American Society of Tool Engineers, Kingston Chamber of Commerce and American Management Association.

Mr. and Mrs. Vough and their three children Audrey, Linda and Gary reside at 84 Remsen avenue, Wappingers Falls.

Management Department

International Business Machines Corporation today announced the appointment of Thomas E. Clemmons as director of a newly-formed management development department. Mr. Clemmons, who was sales manager for data processing equipment, will coordinate existing training methods and will supervise, on a corporate level, the inauguration of new methods to ensure the continuing development of managerial and executive talent. John C. Abrams is named assistant director of management development, and Louis R. Mobley is executive assistant.

Congratulations

IBM®

It is a pleasure to join those who are congratulating IBM. In particular we salute its employes, officers and directors, whose vision and foresight has made this beautiful new plant a reality.

WALTER SMITH

Battery & Welding Supplies

18 DOWNS STREET KINGSTON, N. Y.

Congratulations

IBM and best wishes for increasing growth and success! The completion of the Kingston Area Plant is another striking achievement for IBM; another monument to the foresight, ability and industrial know-how of its leaders. IBM

SCHENECTADY MATERIALS HANDLING COMPANY

STOP 14 ALBANY-SCHENECTADY ROAD
Phone Colonie UN 9-5202, UN 9-5111

Post Office Address
BOX 605, SCHENECTADY, N. Y.

LIFT TRUCKS CRANES CONVEYORS HOISTS RACKS SHELVING

The Genesis Of 'Think' IBM Slogan

"The trouble with every one of us is that we don't THINK enough. We don't get paid for working with our feet—we get paid for working with our heads. Feet can never compete with brains." The speaker was Thomas J. Watson, late Chairman of the Board of Directors of International Business Machines Corporation and IBM World Trade Corporation. The occasion was an early morning meeting of sales and advertising executives reporting to Mr. Watson in Dayton, Ohio in December, 1911.

That winter the weather had been running about true to form. There had been several days of rain, mist, cold dampness, fog and gloom. This had its effect on the meeting conspicuous for the absence of new ideas. Nobody had anything to submit, no one seemed to have any subject to take up, no one had any suggestions. But something galvanized Mr. Watson into action. His long legs took him from his chair to the platform in two steps. He faced his idea-barren audience. No notes were made of what he said, but the gist of it was as follows:

"Thought has been the father of every advance since time began.

"Knowledge is the result of thought, and thought is the keynote of success in this business, or in any business.

"Any man on the selling force today could make two dollars where he now makes one, if he would but THINK along the right lines.

"It is our job to help the man in the field think right—it is our job to place advertising before the merchants that will make them think about our products.

"'I didn't think', has cost the world millions of dollars."

He went on for about ten minutes and summed up something like this, "The trouble with us, the trouble with the agents, the trouble with everybody, is that we don't—" and then turning to a blackboard he wrote with blue crayon. There, staring at his executives from the platform, were those five big blue letters:

T-H-I-N-K.

Turning to one executive he said, "I wish you would have a big placard made with that word Think on it in bold letters, and have it on the wall of this department tomorrow morning. I suggest also that we adopt the word Think as a motto or slogan, keeping it before us at all times in as many different ways as we can."

In almost no time there was in every office a framed placard with just the word "Think" printed on it. Today they are to be found in the offices of many executives of other businesses throughout the world.

Comfortable Seating

Comfortable seating has been provided for all employes by specifying the latest improved designs in cushioned posture chairs, adjusted for the requirements of each operator.

Regular classes for IBM operators ranging from 20 to 150 hours of instruction commenced in 1929.

Congratulations on the opening of your new plant.

IBM *Kingston Area Plant*

Best Wishes to the entire IBM organization on this notable occasion.

MALCO *Tool and Manufacturing* COMPANY

Designers and Manufacturers
SOLDER LUGS ● TERMINALS ● STAMPINGS

4025 WEST LAKE STREET
CHICAGO 24, ILLINOIS

CONGRATULATIONS to the IBM®

International Business Machines Corporation

from the

SPECIALTY INSULATION

Manufacturing Company Incorporated

Custom Moulding for Electrical and Mechanical Uses Since 1909

HOOSICK FALLS, NEW YORK

TODAY'S TRIUMPHS ARE TOMORROW'S CHALLENGE!

Today's achievements are built on the triumphs of our pioneer past . . . but the stepping-stones to a greater future and better things to come, are the deeds of our great contemporaries! We congratulate IBM today and the employes, for another great triumph in the Name of Progress.

IBM

CHIEF *Electronics Inc.*

Poughkeepsie ● Newburgh

Congratulations
and Welcome to Kingston
IBM
Builders of Modern Homes
CLYDE DuBOIS
90 Kiersted Ave. Phone 691

CONSTRUCTION OF A THREE-STORY ADDITION to the IBM Homestead at Endicott has been completed. The Homestead is a company-owned living facility used by the IBM Department of Education for visitors. The expansion was required to provide additional facilities to accommodate the growing number of customers' representatives attending administrative classes at the IBM School.

IBM's customer administrative program at Endicott was initiated late in 1936. It consists of training courses—usually of a week's duration—conducted as a service to users of IBM equipment. Attendance has increased from 255 in 1937 to an estimated 3,550 for 1955.

The Homestead addition, to be made to the west wing of the existing building, will provide approximately 9,000 square feet of floor space for 38 sleeping rooms and two lounges. With the new section, scheduled for completion in April, sleeping accommodations for 130 customers will be available. Present capacity is 87.

IBM
We take great pride in adding our congratulations to the IBM family on the opening of this new plant.
MODERN AUTO BODY CENTER
Robert K. Townsend, Prop.
37 O'Neil Street Phone 7870 Kingston

IBM
Congratulations
BEST WISHES for continued progress—your newly completed Kingston Plant is a tribute to our community...
CANFIELD SUPPLY CO.
25 Dederick Street
Phone 6700

Reserwriter Used For Reservations On the Airlines

An electronic device capable of organizing all of the complex information on an airline reservations card into the correct message form and then automatically routing the information to the proper sources has been installed at American Airlines' reservations office at Buffalo.

First of its kind in commercial aviation, the device is called a Reserwriter and was built by International Business Machines to the airline's specifications. It is the product of more than two years of painstaking research and planning by American's Advanced Process Research division working with IBM. Representatives of IBM stated, however, that the new machine is strictly an experimental pilot model and that the company has no present plans for producing additional units.

THE RESERWRITER works in conjunction with several other IBM machines, including a key punch and an electric typewriter, in handling each passenger reservation coming into the Buffalo office. An important part of the operation is a card, designed especially for airline reservations and which alone took some six months to perfect.

The device gets the name Reserwriter from its ability to "write" messages pertaining to the reservation. For each message, the Reserwriter produces perforated tape which is fed automatically into American's nationwide teletype system for distribution to all reservations offices affected by the transaction.

Under the Reserwriter process, the reservations agent records all the pertinent information from the passenger, same as before. The new card has been laid out to combine the requirements of the agent as well as the equipment.

NEXT STOP is the key punch, where the operator puts the information into machinable form by punching perforations to conform with the agent's written information. At the same time, the machine types the information across the top of the card to facilitate filing and to take advantage of the easy-to-read typewritten material compared to the often illegible hand-written copy.

The card (either singly or in packs) is inserted into the Reserwriter, or data organizing translator. The operator flicks a button and within moments the Reserwriter scans the information on the card and makes its decisions.

These include:
Whether to send a message.
Where to send the message(s).
What to include both as to text and to organization of the message.
What to provide in the way of message routing codes.

The Reserwriter methodically examines the passenger's itinerary on the card, analyzes the importance of each segment of the trip and arranges into the proper form the message(s) that's to be sent to the reservations office(s) involved in the transaction.

It compares the cities involved in the itinerary against 639 airline boarding cities to determine its routing. If a part of the itinerary is not on American Airlines' routes, the Reserwriter checks to determine if any AA office has teletype communication to the other airline's station.

If there is no teletype communication available directly or through a common point, the Reserwriter calls for special action.

Best Wishes to
A New Neighbor
IBM
TUCKER'S LIVE POULTRY
84 EAST STRAND
KINGSTON, N. Y.

Congratulations
IBM
KINGSTON
ON THE OPENING OF YOUR NEW PLANT
SCHULTZ & ANDERSON CO.
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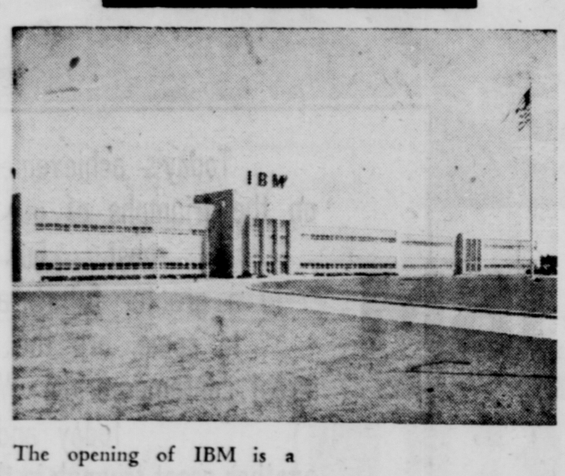
MACHINERY & TOOLS
KINGSTON-POUGHKEEPSIE AREA
Serviced by
MR. HARRY C. FINGER
POUGHKEEPSIE
NEW YORK

Congratulations!
IBM



The opening of IBM is a great day for Kingston. We are proud of this magnificent new plant and that all the fine IBM folks are part of our community.
ULSTER
TOOL & DIE
CORPORATION
437 WASHINGTON AVE.
KINGSTON, N. Y.

Congratulations,
IBM®
We extend our congratulations and best wishes to the entire IBM organization on this notable occasion. The engineering excellence of IBM products, enjoy world-wide renown. This opening is another milestone in the rapid growth of this splendid organization.

SILLER
Beef Company
HURLEY ROAD
KINGSTON,
NEW YORK

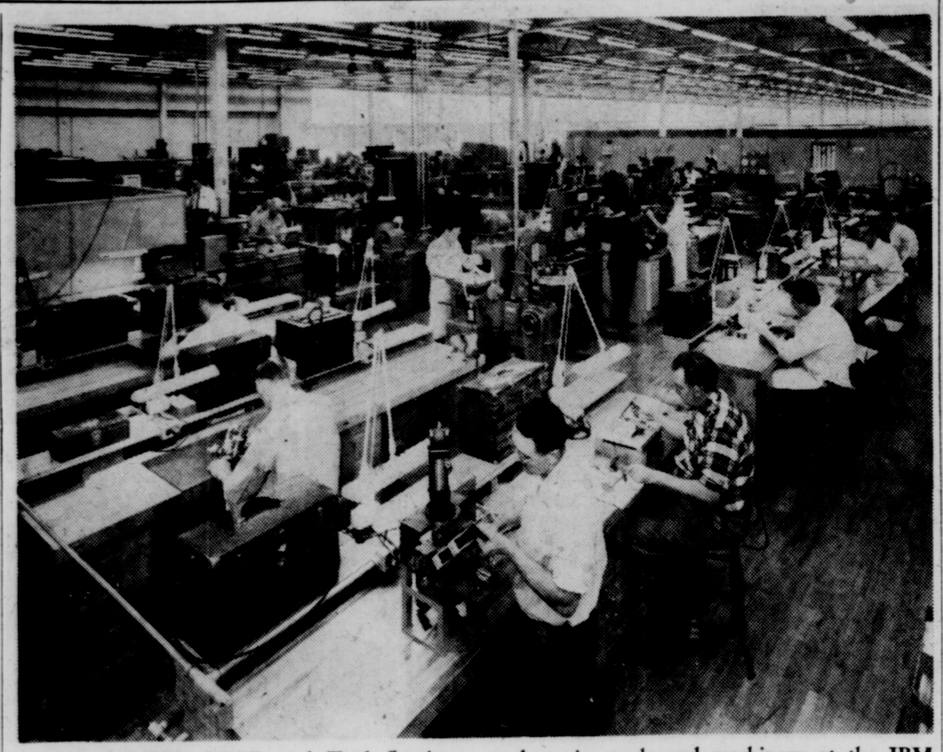
Safety Engineering

The principles of safety engineering have been paramount in the design of each work area, the choice of all equipment, the design and location of conveyors, and the layout of the entire plant.

CONGRATULATIONS . . .
IBM
on the opening of your new plant
JAKE'S GRILL & RESTAURANT
"House of Choice Steak and Fine Sea Foods"
Cor. Wilbur & Greenkill Aves. For Reservations Phone 4364

CONGRATULATIONS
IBM
we extend our best wishes on the opening of your beautiful new plant.
MISSION WOOD PRODUCTS COMPANY
"Ulster County's Leading Cabinet Shop"
397 WASHINGTON AVE. KINGSTON, N. Y.
PHONE 1029

BEST WISHES . . .
IBM
. . . and to your fine group of employes on tomorrow's opening.
LEON'S YOUNG TOGS
Open 9 a. m. Daily — Half Block from Wall St.
43 N. Front Street Kingston N. Y.



THE MODEL SHOP and Tool Service Department employs highly-skilled craftsmen who make mockups of designs of various parts and service tools and machinery at the IBM Kingston Military Products Division Plant.

RALPH C. SAMPSON, manager of field engineering, is in charge of one of the most important phases of IBM Kingston Military Products Division operations.

Mr. Sampson's department is responsible for the training of students for the field engineering service and the installation and maintenance of equipment after it has been shipped to the sites.

He joined IBM in August, 1926, following graduation from the Cook Electrical School in Chicago. A native of Unadilla, N. Y., and a graduate of Unadilla High School, Mr. Sampson has attended customer engineering schools and has taken general education courses in electronics. He has also taught courses in IBM Schools in Electric Accounting Machine practice.

He is a member of the Kingston Area Chamber of Commerce.

Mr. and Mrs. Sampson reside on Lake View Terrace.

New Expansion For World Trade

New York city's United Nations Plaza, which during recent years has been symbolic of governmental activities among nations,, will soon reflect new growth in world commercial activity as well. The IBM World Trade Corporation recently broke ground for the construction of an eleven-story office building at that location. Board Chairman Thomas J. Watson announced that it will be the headquarters for the Corporation's world-wide operations.

In another expansion announcement, the World Trade Corporation said that it will soon open new Data Processing Centers in Stuttgart, Germany; and Caracas, Venezuela. The first of these overseas Centers was opened in Paris several months ago.

THE NEW STEEL-FRAMED structure to be erected in New York will face the nothern end of the United Nations headquarters and will extend 100 feet along 46th street. The building, which has been designed to provide approximately 66,000 square feet of floor space, will combine steel frame, concrete slab, and limestone veneer, to provide an attractive exterior. Occupancy is anticipated by the end of the year.

Features of the new building include aluminum frame, pivot-type, double-glazed windows, heating by radiant-panel ceilings, and fully automatic elevators. Plans by architects Harrison and Abramovitz of New York call for cafeteria and lounge facilities for employees.

Overseas, the new Data Processing Centers also are being planned as models of efficiency. To aid in this service the Paris Center has already installed a 650 as a principal unit. The other Centers also will have this equipment although it is expected that 700-series data processing equipment will be installed in the overseas Data Processing Centers as the need arises.

Recently a 650 left New York via Pan American World Airways to be flown 3,900 miles to Stuttgart, where it was installed as the focal unit in the new Center there.

Caracas is the first Latin American city to have a Data Processing Center. It, too, will feature the 650, and smaller Electric Accounting Machines will also be available.

Trained personnel, skilled in the application of IBM equipment to the varying needs of individual customers, will staff each of the new streamlined centers.

Research Center

The Ames Laboratory is the major center for aeronautical research on the West Coast. Established by the U. S. Government in 1940, its nineteen major wind tunnels, experimental facilities, shop and office buildings, and other equipment represent an investment of some $66,000,000. The lab is equipped to work in all three speed ranges—subsonic transonic and supersonic. However, primary emphasis at Ames is on high-speed aerodynamics, and the research results contribute directly to the equality of military aircraft and missiles.

RUSSELL E. COGAN, manager of wage and salary administration, joined IBM as a clerk in the company's Akron, Ohio, offices in April 1949.

He was promoted to office manager at Toledo, Ohio, in April 1951, and from July 1954 to December 1955, he managed the Cleveland, Ohio, office.

Mr. Cogan was transferred to Kingston as a methods analyst in December, 1955, and was named manager of office services in March 1956. He received his most recent promotion in July.

Mr. Cogan, who served three years with the U. S. Army Infantry earned his bachelor's degree from Kent (Ohio) State University. He and Mrs. Cogan have three children and reside in Hurley.

Truck Levelers

At the IBM Electric Typewriter plant in Kingston in order to facilitate better truck loading and unloading, truck levelers are used in electric typewriter shipping and receiving departments. With a touch of a button the height of any truck body is leveled to dock height. Doors in areas used for internal trucking are equipped with photo-electrically controlled door opening and closing devices. This system permits the free trucking through normally closed and unattended doors.

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October 19, 1956

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Kingston, New York

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The opening of your fine plant in Kingston will be another great moment in the life of a great company, a company with which Peck Manufacturing has always found it a pleasure to do business.

Hoping that we may continue to be of service to IBM for years to come, we extend to you with deepest pleasure our congratulations on your new Kingston plant.

Very truly yours,
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Congratulations!
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Our cordial good wishes on the completion of the new Kingston Area Plant
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Unique Shipping Systems

The Photo-Electric Gontrolled Shipping Systems at the IBM Electric Typewriter plant are unique. After packing, each boxed electric typewriter will be dispatched to one of eight storage conveyors according to commercial carrier. Each box is selected for the proper storage conveyor by the photo-electric detection of a coated reflective tape on the carton. This system permits truckers to load swiftly and accurately without rehandling or sorting.

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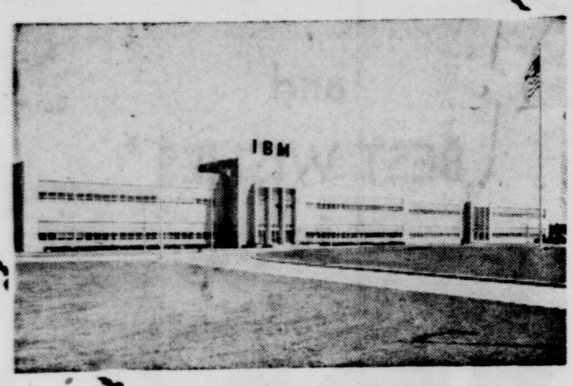

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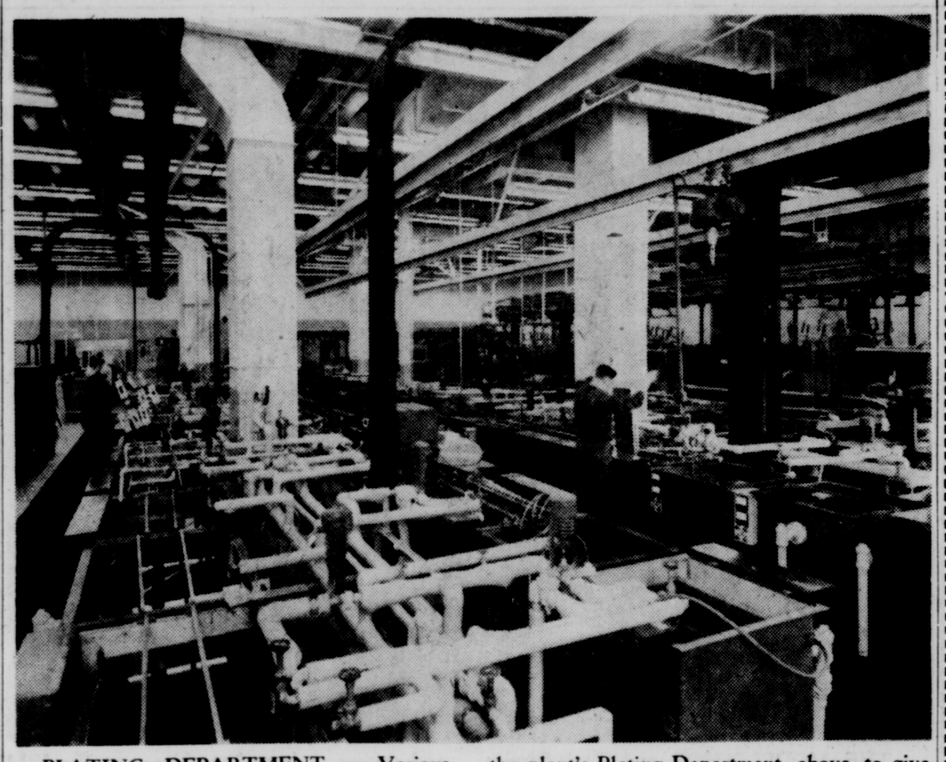

PLATING DEPARTMENT — Various parts of the air defense computers being manufactured at IBM Kingston are electroplated in the plant's Plating Department, above, to give them a pleasing appearance, durability and resistance to corrosion.

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R. W. Schubert Is Director Of Laboratories Operations

International Business Machines Corporation today announced the appointment of Robert W. Schubert as director of laboratory operations. He was formerly assistant director. In his new post he will be responsible for working closely with all IBM research and development laboratories on administrative matters. He will report to W. W. McDowell, vice president of research and engineering.

Mr, Schubert is a graduate of Columbia University, where he earned an MS in Mechanical Engineering in 1948. He joined IBM in December, 1950 as a technical engineer at the Watson Laboratory, New York city, and subsequently became a member of the senior scientific staff. In this capacity he was responsible for the mechanical design and development of the Naval Ordnance Research Calculator (NORC), currently the world's fastest computer. After an assignment as a technical specialist in Product Planning, devoted mainly to studies in machine tool automation, he became manager of administrative services at the company's Poughkeepsie Engineering Laboratories. In February, 1956 he was named to the IBM administrative training program and in June of the same year designated assistant director of laboratory operations.

R. W. SCHUBERT

Mr. Schubert served with the U. S. Navy from 1944-1946 in the Pacific as commanding officer of an LSM. He is presently active in the Naval Research Reserve and has just completed a three year term on the executive committee of the American Society of Mechanical Engineers. A resident of Riverdale, N. Y., he is married and has two children.

Revise Plans for New Rochester Plant

Revised plans for its new multi-million dollar plant in Rochester, Minnesota, have been disclosd by International Business Machines Corp. Speaking at a meeting of all IBM employes, C. J. Lawson, Jr., Rochester IBM General Manager, outlined details of the new structure and displayed architectural sketches of the project.

Originally announced as a 400,000 sq. ft. plant, costing about $8,000,000, the present planning calls for facilities totaling 550,000 sq. ft. Projected employment at the plant has been set at about 2,000. First to be erected will be a 60,000 sq. ft, building for housing assembly operations prior to completion of the main facility. The first building is scheduled for occupancy in March, 1957. The entire project is planned for completion by January, 1958.

All construction will be of structural steel frame with an attractive exterior treatment of two-toned porcelain enamel on aluminum panel. Architect for the project is Eero Saarinen of Bloomfield Hill, Michigan. The Minneapolis firm of Johnson, Drake and Piper are the general contractors and Smith, Hinchman and Grylls of Detroit are the consulting engineers.

Accoustical Ceiling

An accoustical ceiling absorbs much of the noise of manufacturing and office operations and results in quieter and more pleasant work areas.

Card and other manufacturing activities are carried out at IBM's Greencastle, Indiana plant.

Changeable Type Bars For Specialized Work

Changeable type bars for the IBM Electric Typewriter speed the typing of specialized information. Originally developed by IBM and the Atomic Energy Commission the type bars are designed so that they may be readily replaced by the typist, are for use in operations that require chemical, mathematical or other scientific as well as foreign language symbols. Special type characters such as subscripts and exponents are also included.

Originally requested for publication work by the Technical Information Service at Oak Ridge, the type bars are designed so that they may be readily disengaged from the type bar fulcrum wire by a simple unhooking motion. Once free, the bar is readily slipped off the connecting link. The reverse procedure instals the newly selected type bar in seconds.

Designed for use in such fields as engineering, drugs, chemicals and technical book publishing, changeable type bars bring flexibility to IBM electric typewriter installations, making it possible for more technical material to be typed for reproduction than hitherto possible. In addition, changeable type bars make it possible to prepare, under internal control, books in which many of the formulas are secret, the announcement stated.

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Best wishes for continued success.

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Special Engineering Products Division Is Formed by IBM

New Devices To Be Developed

Formation of a special engineering products division was announced today by International Business Machines Corporation from its New York office, which also reported net income of $49,234,012 for the nine months ended Sept. 30.

Jerrier A. Haddad, 34, director of advance machine development, who was in charge of the design and construction of the IBM 701 electronic data processing machine, first of the company's famous 700 line of giant computers, has been named general manager of the new division.

Kenneth N. Davis, Jr., has been named controller of the new division.

THOMAS J. WATSON, JR., president of IBM, said the diversified activity of the new division will include design, development and manufacture of non-standard computing and data handling components, machines and systems; and modification of standard IBM or other equipment to meet special commercial and scientific data processing requirements.

J. A. HADDAD

K. N. DAVIS, JR.

"There is a growing need," Mr. Watson said, "to meet highly specialized requirements in both small and large business and scientific organizations. In producing its 'tailor-made' systems, the division will avail itself of existing IBM components and will develop new devices where desirable."

He pointed out the division would be supported by the full resources of IBM's engineering organization, systems knowledge, and experience in developing, producing and servicing punched card and electronic data processing machines.

MR. HADDAD, an electrical engineering graduate of Cornell University, joined IBM in 1945 in the technical research department at the Endicott laboratory. He served successively as technical engineer, development engineer, manager of component development, manager of IBM engineering laboratory at Endicott and director of advance machine development.

Mr. Davis, 30, is a graduate of Massachusetts Institute of Technology and holds a master's degree from the Graduate School of Business Administration at Stanford University.

He joined IBM in 1949 as an electric accounting machine sales representative in San Francisco. Subsequently he served in managerial capacities in Bakersfield, Calif., Endicott and in New York.

Early this year he was promoted to administrative assistant to the executive vice president, his latest position.

The net income is after estimated federal income taxes. This equivalent for the nine month period to $9.38 a share on the 5,251,118 shares outstanding at the end of the period, and compares with net income after taxes for the corresponding 1955 period of $48,437,353, equivalent to $7.32 a share on the same capitalization.

The company announced that as a result of a 2½ per cent stock dividend paid Jan. 27, 1956, and a stock split-up of 25 per cent on May 4, 1956, the number of outstanding shares was increased from 4,098,471 shares to 5,251,118 shares.

NET INCOME of the corporation for the nine months ended Sept. 30 before federal income taxes amounted to $105,269,912 compared with $81,655,253 in the corresponding 1955 period.

Effective June, 1956, retroactively for rental machines produced since Jan. 1, 1956, the corporation changed its method of computing depreciation on such assets from straight line to sum of the years-digits method.

This change, which provides greater depreciation in the earlier years of an asset's life and lower depreciation in later years, resulted in a reduction of net income after taxes amounting to $2,563,198 for the nine months ended Sept. 30, 1956, the report stated.

ROBERT A. KELLY is the purchasing agent of the IBM Kingston Military Products Division Plant. He came here from IBM Poughkeepsie, where he was manager of engineering purchasing for Project High.

Mr. Kelly joined IBM at Poughkeepsie in January, 1948, as an accounting machine wirer. In April of that year he was assigned to production analyzing. He was transferred in September, 1950, to the purchasing department as an expediter and was made a buyer in February, 1952.

In December, 1952, he was promoted to assistant to the purchasing agent and was made manager of engineering purchasing for Project High in September, 1953.

Mr. Kelly is a native of Lake Placid. He was graduated from schools there and the Smith Technical School in Syracuse. He has completed numerous courses in IBM Schools.

During World War II, Mr. Kelly served in the U. S. Army.

Mr. and Mrs. Kelly and their daughter reside in New Paltz. He is a member of the IBM Country Club, Study Club and the New Paltz Fire Department.

Operation in One Area

At the IBM Electric Typewriter plant in Kingston, wherever possible, the complete machining of one or more electric typewriter parts is performed in one single area. All necessary machines and tools are set up together to machine a part or groups of parts in order that almost the complete machining can be performed in one location. In contrast to the "job shop" method of manufacture, the "special purpose area" system greatly reduces inventory carrying costs and greatly increases control of quality and production.

Platen and Power Roll

Platen and Power Roll manufacture at the Kingston IBM plant is automated. The fabrication of the platen and power roll of the electric typewriter represents one of the first completely automated manufacturing processes of its type to be used by IBM. In one continuous process the core of the platen and power roll is machined, coated, and a rubber sleeve is assembled and vulcanized. The adaptation of special controls to standard equipment and the use of conveyors and transfer mechanisms account for this achievement.

to all the folks at

IBM

Congratulations and Best Wishes for Continued Success.

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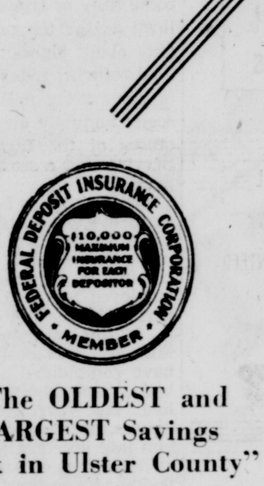

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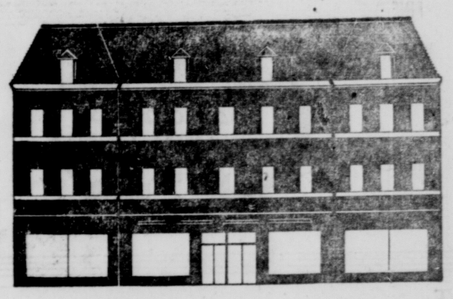

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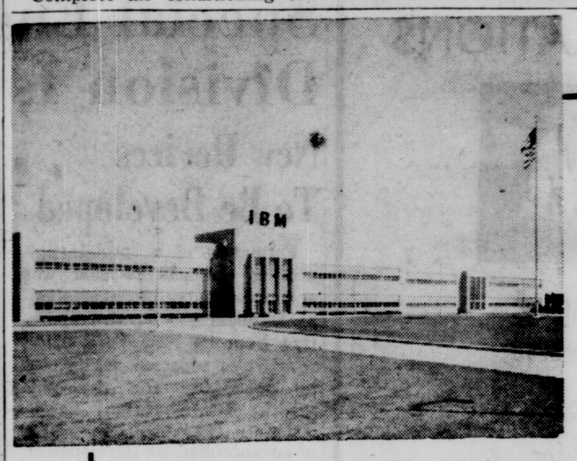
Chromium Plating

Chromium barrel plating of small parts is done by a newly developed continuous process. Uncleaned and unplated parts which enter one end of the barrel emerge from the other end having passed through processes of washing, cleaning, rinsing, plating, and drying.

WAREHOUSE AREA—This is one of the IBM Kingston Military Products Division warehouse areas, where parts and supplies are stored and prepared for shipment to the various manufacturing departments.

Air Conditioning

Complete air conditioning of all office and assembly areas contributes to more healthful and comfortable workng conditions.



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Paper-Flood Control At Income Tax Time

In the forty-three years since William Howard Taft's Federal income tax proposal became Amendment XVI, March 15 (more recently April 15) has become fully as trying for the publican as for the public. In 1940, only about eight million citizens filed returns; today an avalanche of some sixty million forms descend annually on the sixty-four offices of the Internal Revenue Service over a scant three-month period.

Processing has been hectic and expensive, since, unlike the Post Office Department at Christmastime, the Service can make little use of unskilled, temporary employes for help over its peak period. Under the circumstances, it is understandable why one Midwest tax collector should have complained of a persistent bad dream shortly before zero hour last year. Hooded, sinister figures, he reported, would shove him into an elevator shaft, shower down tons of paper work from floors above, then leave him to suffocate.

THIS YEAR, however, his department feels it is at last on its way toward licking such "papermares" on a permanent basis, thanks to new IBM computing equipment, which already has begun revolutionizing Internal Revenue procedures.

U. S. Commissioner of Internal Revenue Russell C. Harrington joined Governor Christian A. Herter and Boston Regional Commissioner Wilber A. Gallahan in Lawrence, Mass., to dedicate the Service's new machine processing station there and tell press and public something of how it plays an integral part in bringing scientific economy and efficiency to the business of collecting funds for the Government's many needs. The Northeast Service Center, as it is called, is Internal Revenue's most ambitious installation to date, but by no means its last. Additional equipment is now being contemplated for new centers still in the offing.

Under the new system for the East, each of the 14 district offices in the New England, New York and New Jersey area can now send much of its raw data to Lawrence for near-immediate processing and return; then, like the Center, it can use the remainder of its year for computing and mailing duties. Procedures and testing of equipment in operation were effected last year (all short-form—1040A—returns throughout the country were put on IBM cards) in Kansas City, where the small experimental installation of IBM equipment has now been expanded into a second Midwest Service Center for the nine-state Omaha region and part of Illinois.

Said the Commissioner: "Tax administration is very much like the department-store business—the stores have just gone through the Christmas rush and already they're at work planning for a new one. Down in Washington our people are busy working on centers for next year."

Both for the Government and for IBM, the installation of the Lawrence Center in an abandoned textile mill before the 1956 peak tax-return season required heroic effort. Shortly before staffers moved in on December 19, the Center was a somber, leaky structure, built at the century's turn and long since abandoned for newer textile locations. By dedication time two months later, it had been freshly painted and wired for fluorescent lighting, was well heated, and contained nearly its full complement of 325 IBM machines together with a fully trained staff of 380 persons.

Said Benjamin H. Fisher, the Center's new director: "Five months ago, we existed only as an idea in the heads of a few interested planners. In less than four more, we will have completed the processing of seven million returns at a rate of 435,000 per week.

WHEN FINAL delivery and adjustment of all machines were complete, IBM Customer Engineers had completed installation of 160 Card Punches, 88 Verifiers, eight Reproducers, three Gang Punches, twelve Sorters, six Alphabetic Interpreters, eleven Collators, three 604 Electric Accounting Machines, and eleven 403 Electric Accounting Machines.

Meanwhile, Mrs. Claire Benoit and Miss Mary Elizabeth Lloyd, of Group Training, Salem, Mass., and Systems Service Representative Sue Eckert, of Boston, were busy at Lawrence completing seven-week tours of duty that had taught nearly 300 new operators proper use of equipment.

The ancient mill is again at full production for the first time in nearly three decades, much to the satisfaction of Lawrence citizenry, whose community has been hard hit by the New England textile slump. Quipped one Laurentian with a wry, New England sense of humor: "We're proud of this new tax center, but I hope no taxpayer accuses us of taking the same shirt off his back we loomed for him in the first place."

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Sales Running Ahead

IBM Electric Typewriters outsell all other makes combined. Statistics indicate that IBM sells 65 to 70 per cent of all electric typewriters sold. Sales of IMB Electrics in 1956 are running about 35 per cent ahead of last year.

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DR. FREDERIC W. HOLCOMB, JR., of Kingston, is Medical Director of IBM Kingston facilities. In his position Dr. Holcomb will devote full time to his responsibilities to employes of the Military Products and Electric Typewriter Divisions.

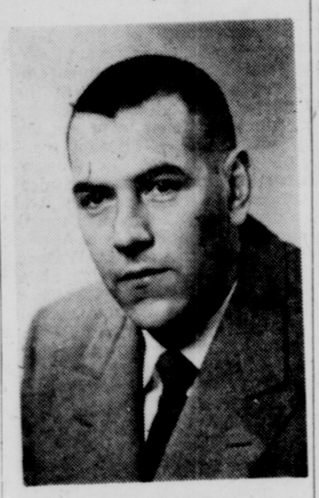
Dr. Holcomb, who was graduated from Kingston High School, received his B. S. degree from the University of Virginia in 1941 and his M. D. degree from Albany (N. Y.) Medical College in 1944. He joined IBM Kingston in August, 1955, as part-time Medical Director.

Prior to joining IBM as full-time Medical Director Dr. Holcomb was in private practice in Kingston.

He is a veteran of two tours of duty in the United States Navy, from 1944 to 1946, and from 1953 to 1954.

His parents, Dr. and Mrs. Frederic W. Holcomb live at 188 Fair street, Kingston.

Dr. and Mrs. Holcomb and their three children reside on Lucas Avenue Extension, Kingston.



DONALD K. WHALEN, technical assistant to the Works Manager of the Electric Typewriter Division plant of International Business Machines Corporation, has been with IBM for five years.

A graduate of RPI, Mr. Whalen started with the company as a technical engineer in the Industrial Engineering Dept. He was transferred the same year to the Manufactures Procedures Analysis Dept. In June 1955, he was assigned to the ET Planning Group and in December 1955, named manager of ET Scheduling.

As an active member of the IBM School, Mr. Whalen completed seven cources and taught two.

He is a member of the IBM Country Club, IBM Study Club, RPI Alumni Club and the Poughkeepsie Tennis Club.

Mr. and Mrs. Whalen live at 55 Hooker avenue, in Poughkeepsie.

Brief History of IBM Electric Typewriters

The International Business Machines Corporation entered the electric typewriter business in 1933 with the acquisition of Electromatic Typewriters, Inc., Rochester, N. Y., which was producing electric typewriters based on the first power-operated machine of practical value, invented in 1914.

Developed over a period of 20 odd years by IBM's skilled engineering and manufacturing personnel, the IBM Electric Typewriter is a leader in its field today.

The first known patent for a typewriter device was granted by Queen Anne of England on January 7, 1714. This patent was issued to Henry Mill, an English engineer. No record or description of the invention is available today.

The first writing machine constructed in the United States was the invention of William Austin Burt of Detroit. This machine was developed in 1828, and his patent was signed by President Andrew Jackson in that same year. His crude device had something of the appearance of a butcher's meat block and was called a "Typographer". The only model of Burt's machine was destroyed by fire in the Patent Office in 1836.

Considered the first practical typewriter was a machine completed in September, 1867, on which a patent was issued the following year. Responsible for this invention was Christopher Latham Sholes of Milwaukee, Wis. The first commercial model was manufactured in 1873 and was mounted on a sewing machine stand. The carriage was returned to the left margin by a foot pedal, similar to a sewing machine treadle. This machine was a blind writer and wrote only in capital letters.

MR. SHOLES invited Thomas A. Edison to Milwaukee to see his "miracle machine" and Mr. Edison reportedly told Mr. Sholes at the time that some day the typewriter would be operated by electricity. In fact, a short time later, Mr. Edison built a typewriter which was operated electrically—by a series of magnets. Since it was a large, cumbersome and expensive machine, it was never marketed.

Mark Twain, the American humorist, was among the first purchasers of a typewriter, and he was the first author to submit a typewritten manuscript to a publisher.

Since Mr. Sholes' original machine, many makes of typewriters have been introduced and marketed. However, there have been only four major and important improvements since the original machine in 1873. These improvements are visible writing; the capital shift, which makes possible the use of both capital and small letters in a machine compact enough to be operated by touch; power operation, which brought for the first time to the typist's desk the speed and versatility of electricity; and proportional spacing, which brought to the typist's work the beauty of the printed page. IBM was responsible for two of these four major changes, namely power operation and proportional spacing.

The first power operated machine of practical value was invented in 1914 by James Fields Smathers of Kansas City, Mo. Mr. Smathers' operations as an inventor were halted by World War I. After he had served in the Army, he came back and went to work on his power-driven machine. In 1920 he produced a successful advanced model, and on April 2, 1923 turned that machine over to the Northeast Electric Company in Rochester for development. The machine originally had been designed to operate from a power-driven line shaft. The first conception of a power-driven typewriter worked on the same principle as the sewing machines in a large tailoring plant.

THIS METHOD of driving was immediately found to be a handicap to the machine because it eliminated the flexibility and portability of the typewriter. The Northeast Electric Company went ahead from this point with the development of a motor to be self-contained in the power base.

The original idea in developing the electromatic drive was to make a power unit for all kinds of typewriters. The Northeast Electric Company actually built and sold 2,500 of these power units to a typewriter company, where they were assembled on ordinary typewriters and marketed.

When an electrical drive was put on a machine it soon became apparent that the typewriter would require redesigning. The decision was made to design a typewriter primarily for power operation, and it was at this time that the Electromatic came into being. In 1928, when the General Motors Corporation purchased the Northeast Electric Company, the departments manufacturing the Electromatics did not go along in the transfer of ownership, but struck out with Rochester capital behind them to organize a new company under the same name of Electromatic Typewriters, Inc. The first model of Electromatic's new machine was completed on March 4, 1930. In 1933 Electromatic Typewriters became a division of IBM and immediately reaped many benefits from its association with this corporation. IBM's highly skilled engineering, educational and sales departments were instrumental in the continued steady growth of the Electric Typewriter Division.

Today's IBM Electric Standard Typewriter, a completely new and modern product, brings to every user the advantages of speed, ease of operation, accuracy, reliability and beauty of work. The typist's versatility is increased because she is able to do all kinds of work, such as stencil writing and multiple copy work, with the minimum amount of effort. The appearance of the typewritten work is improved because, regardless of the operator's touch, each character strikes the paper evenly and uniformly.

THE NEW IBM ELECTRIC Typewriter incorporates all the latest developments in electric typewriter engineering. Every movement is electrically powered and controlled from the keyboard. All working parts—carriage return key, tab key, backspacer, shift keys and space bar—operate electrically with instant and unfailing precision. Every key on the speed keyboard operates at a light, finger-flick touch.

Embodying the revolutionary IBM spacing principle, the IBM Executive Electric Typewriter represents the most dramatic advance ever made in the typewriter industry.

This new and distinct type of letter spacing allows each letter or character the exact space it requires. All the new and advantageous features of the Standard IBM Electric Typewriter are included in the IBM Executive Typewriter.

The IBM spacing principle embodied in the Executive Typewriter makes possible preparation of copy with a straight right margin. By using the two-and-three-unit space bars and typing the copy twice, a typist can prepare master copy for effective sales letters, bulletins, and booklets.

The typewriter today is the most used piece of office equipment, and yet it is one of the last business machines to use electricity. IBM has pioneered the developments of modern business. IBM continued to set the trend in 1941 by revolutionizing the typewriter industry with the invention of the IBM Executive Electric Typewriter, embodying the IBM spacing principle.

Ease, speed, and quality have always been the three dimensions of the IBM Electric Typewriter. With the advent of sound reducing features, the fourth dimension—QUIET—came into being.

IBM engineers are constantly striving to make typewriting easier, faster, quieter, and better than ever before.

CHARLES J. DANIELS, Division Manager of IBM Methods at Kingston MPD, was housing administrator here until his recent appointment. He became housing administrator at the Kingston Plant last October after serving nearly ten years in the IBM sales field.

Mr. Daniels first became associated with the International Business Machines Corporation in April, 1942, at the Poughkeepsie Plant. He joined the IBM Sales Department in April, 1946, after serving three and a half years in the U. S. Marine Corps.

After working as a sales representative in the Poughkeepsie and Albany sales offices, Mr. Daniels was promoted in June, 1954, to branch manager of the Elmira Sales Office, a post he held until he was transferred to the Kingston Plant.

Mr. Daniels holds a B. S. degree in business administration from Fordham University. He is a member of the National Association of Cost Accountants, the IBM Country Club and the Dutchess Golf and Country Club.

A native of Poughkeepsie, Mr. Daniels resides at 58 Fountain street.

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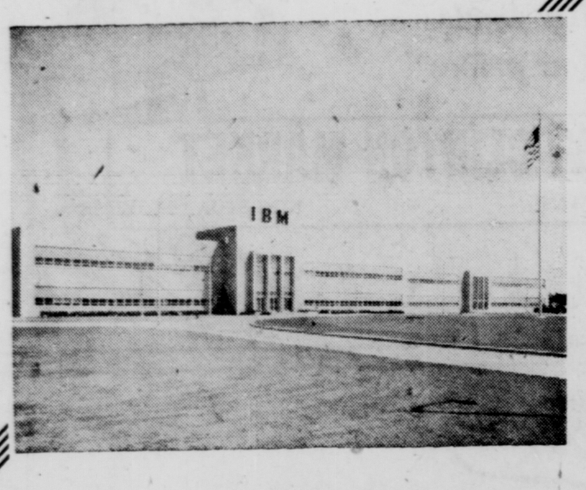

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650 RAMAC Is Stored Program Data Process Machine

1,000 of All Types on Order

The central element of the new IBM RAMAC 650 is the 650 Magnetic Drum Data Processing Machine. The basic 650 is a medium sized computer. The first machine was installed in late 1954 and since then over 350 have been placed in operation in this country and abroad. They are handling both commercial and scientific applications in nearly every type of business and industry. The 650 is manufactured at IBM's Endicott, N. Y. plant. There are about 1,000 IBM 650's of all types now on order, and they are coming off the production line at the rate of more than one a day. It is far ahead of all competition.

The 650 is a stored program data processing machine. It has the ability to store internally both data processing instructions—called the program—and the data to be processed. The basic 650, which rents for $3,750 a month, is a punched card operated machine with a magnetic drum memory that will store 20,000 digits. But 650 systems are now available with a great variety of input, output, and storage devices. The system may be magnetic tape operated. Up to 6 IBM 727 magnetic tape units may be connected to the basic computer through a 600-digit, high-speed magnetic core memory IBM 653 storage unit. Also, an IBM 407 accounting machine may be connected to the system to give it a printer output.

The latest addition to the 650 is the IBM 355 random access memory. A random access memory is a storage medium in which any group of data may be reached quickly and directly, without search.

Up to four 355 RAMAC units may be connected to the 650 system. A 355 is a stack of 50 metal disks, each two feet in diameter. Both sides of the metal disks are treated so that 100 disk faces are available for storage. On each disk face there are 100 concentric data tracks. Six-hundred digits of recorded data may be stored in each track. In other words, each track holds 60 words with signs.

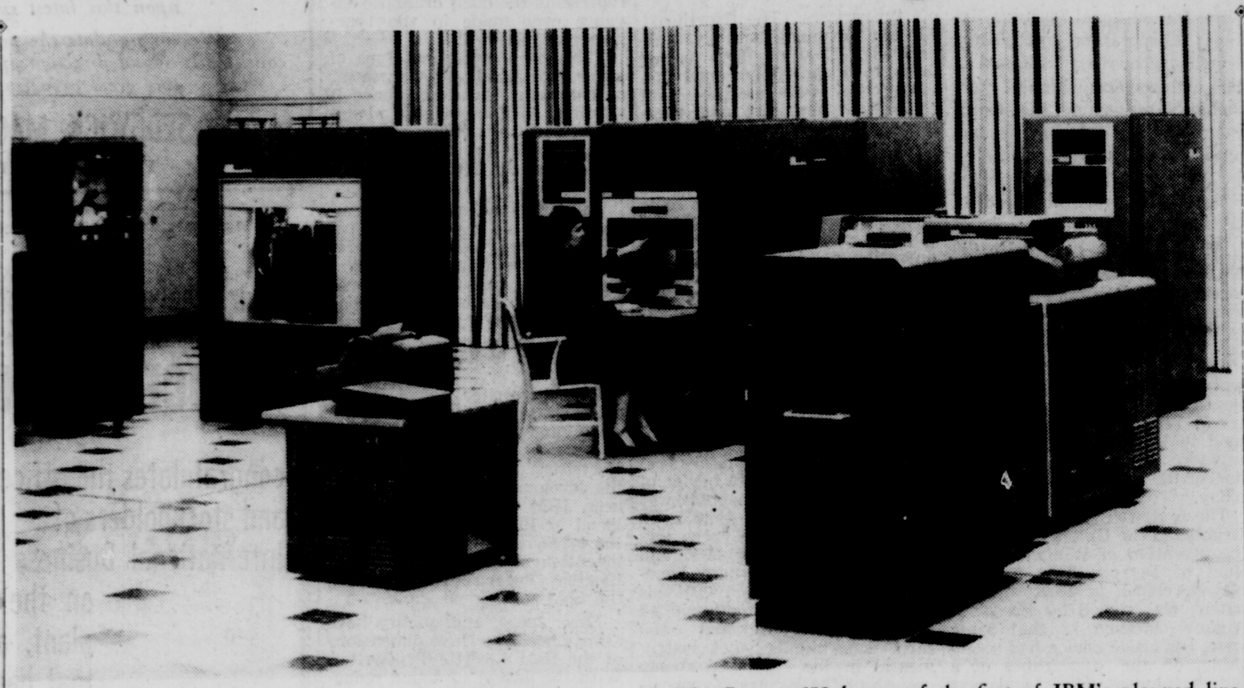
Each 355 RAMAC unit has a capacity for 6,000,000 digits. With the maximum of four units, the 650 can have available, therefore, 24,000,000 digits stored in a random access memory. This is the equivalent to a file of records stored on 300,000 punched cards.

To process file data, the information stored in a RAMAC is read from and written into the data tracks on the magnetic disks by access arms. The magnetic disks in each unit continuously rotate past three independent access arms at 1200 RPM, and each arm can move to any data track.

The access arms move under instructions stored in the 650. A seek instruction sends an arm to the addressed data track. A read instruction causes the access arm to read the addressed data track into immediate access storage (the IBM 653 magnetic core memory). A write instruction causes the arm to write into the addressed data track the information that is in immediate access storage.

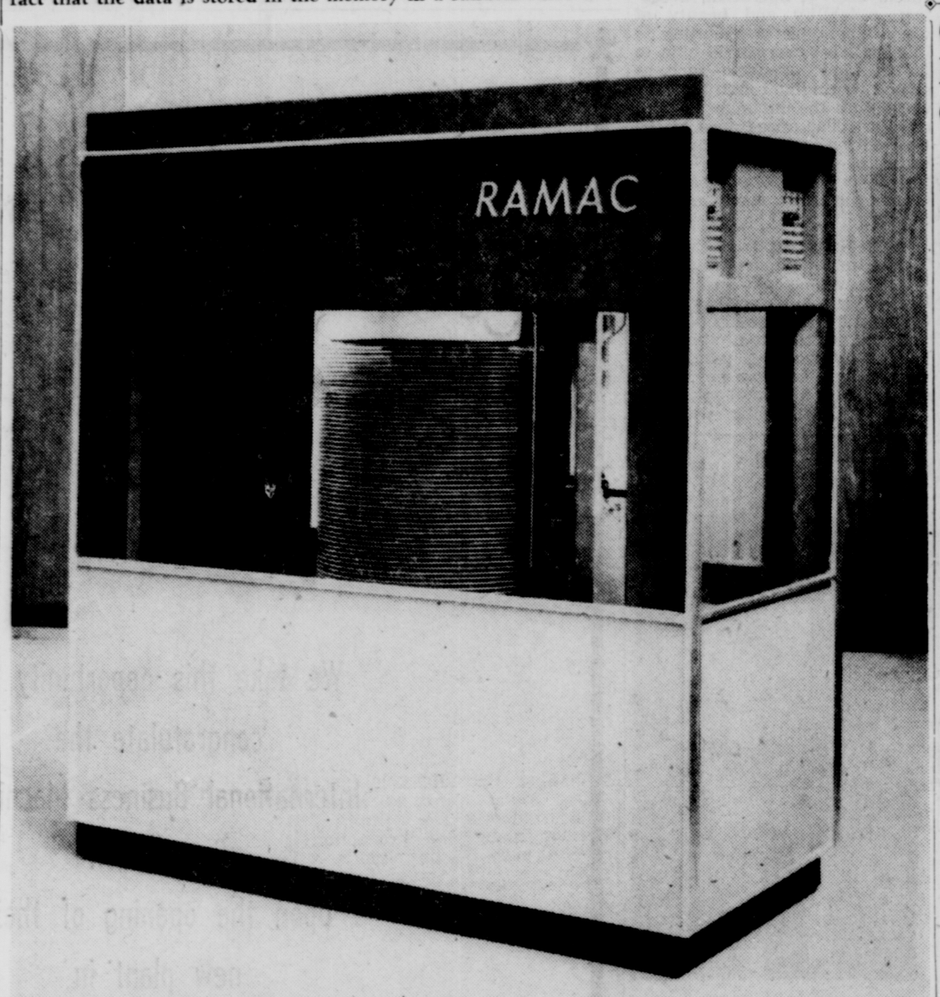
Another feature of the RAMAC 650 important to "in-line" processing is the facility for quick communication with the system, with minimum interference with the routine operating procedure, to inquire into the status of records or to enter new information. This is done through the IBM 838 Inquiry Station. The 838 uses a modified IBM electric typewriter from which inquiries and data can be sent to the 650 and to which the 650 can send replies. Ten inquiry stations are available for each RAMAC 650 system. Each is connected to the system by a cable 50 feet in length and the ten available stations, connected in series, provide a maximum of 500 feet from an inquiry station to the 650 machine area.

The inquiry or information to be sent to the 650 is typed on a form at the inquiry station at the same time that it is transmitted to the processing unit. The 650 stored programming processes the inquiry and transmits the reply back to the inquiry station where it is typed on the form. Complete flexibility and positive control of inquiry station operation is provided by a plastic program tape at each station operating in conjunction with the 650 stored program. The program tape also provides flexibility in the format of the printed document at the inquiry station.



The IBM Ramac 650 is a basic magnetic drum data processing machine with an IBM 355 random access memory unit. A random access memory is a storage medium in which any group of data may be reached quickly and directly, despite the fact that the data is stored in the memory in a random fashion.

The Ramac 650 is one of the first of IBM's planned line of machines designed for high-volume, in-line processing of business data. Instead of accumulating data to be processed in batches, each transaction is processed as it happens and, at the same time, every related record in Ramac is adjusted.



The RAMAC (random access memory accounting machine) memory unit consists of 50 magnetic metal disks arranged in a vertical stack. Both sides of the disks are used for recording data, so 100 disk faces are available for storage. There are 100 recording tracks on each disk face, and each track will hold ten 100-character records. Access to these records is gained by an arm that moves under electronic control. Information flows to and from the memory on the access arm in 100-character lots. The entire stack rotates at 1,200 RPM, so that any bit of information in the memory can be located in milliseconds.

Applications of RAMAC 650

A good general area for RAMAC 650 application is billing and inventory control, particularly in those instances—owing to the presence of the 650—where high level computation is involved. Continuous, in-line processing means that decisions, such as whether or not to extend credit or to make substitutions, can be made in time to be effective. There is closer, more effective control over inventory. Back ordering is reduced, improving the service to customers. Continuous, in-line processing makes possible a continuous flow of orders through the warehouse, resulting in smoother operation, better service to customers. Also, there is immediate access to the file records (inventory records, customer files).

Another good area in which to illustrate the advantages of RAMAC 650 is piecework payroll and costs. With continuous, in-line processing, cost figures are continually up to date. Employe earnings are continually up to date; terminations are easily handled. All sorting of detail entries is eliminated. More comprehensive cost breakdown can be accommodated. Cost records are stored internally as part of the production scheduling file; payroll is integrated with production scheduling. Integration of these related applications results in economy.

Outside Awareness

Outside awareness has been provided by the shape of the buildings and their continuous windows which have been designed so that almost everyone working indoors can see outside.

IBM Quarter Century Club

The IBM Quarter Century Club is one of the smallest organizations of International Business Machines Corporation, yet it is recognized as one of the most important groups within the company.

Its members are employes who have completed 25 or more years of continuous service with IBM.

The importance of the group was expressed by the late Thomas J. Watson, who, in paying tribute to inductees, once said:

"I look upon the Quarter Century Club as one of the most important in our business, for it is you who set the example for the young men coming into our business. Your experience and loyalty mean much to all of us. You have always taken a real interest in this business. We all owe a debt of gratitude to the Quarter Century Club."

THE CLUB was originated in 1924 by Mr. Watson, who then was president of IBM, to honor those employes who have served long and faithfully. At that time there were 42 employes who had worked for IBM or one of its predecessor companies for 25 years or more.

The Quarter Century Club expanded with the years and, as it expanded, new chapters were formed. Today there are more than 1,600 members. The club has local chapters in all IBM plants, in World Headquarters, in each sales district city and in installations of the IBM World Trade Corporation.

Twelve IBM Kingston employes hold membership in the Quarter Century Club. Military Products Division members are James D. Hood, division manager of personnel administration; Vincent Jordan, technical assistant to the manager of field engineering; William J. Mitchell, associate engineer, Lab Annex, Poughkeepsie; John S. Watson, manager of the model shop, High Street Lab, Poughkeepsie; Ralph C. Sampson, manager of field engineering; Paul F. Steinkuller, manager of personnel; and Warren F. Short, project manager of production control. Members from the Electric Typewriter Division are Ralph E. Page, senior engineer in development engineering; William R. Smith, associate engineer, development engineering; Elmer M. Bakeman, division personnel manager; Robert S. McFall, project manager of machining and processing; and John E. Hickerson, senior engineer in the Engineering Laboratory.

SPECIAL LUNCHEONS or dinners are staged annually, at company expense, to honor and induct new members of the Quarter Century Club and present them with service awards.

Upon induction, new club members receive a certificate of club membership, a gold lapel pin, a suitably-engraved gold watch and chain, a life insurance policy for $25,000, a $500 check as a token of appreciation for their loyalty and cooperation, and letters of commendation from the chairman and vice chairman of the board of directors and the president of IBM

The first power-operated typewriter of practical value dates back to 1914.

Cullen Directed Rapid Growth Of Plant Here

Gavin A. Cullen, as general manager of IBM Kingston, directed the rapid growth of the Military Products Division Plant here from August, 1954, until last April.

On April 11 Mr. Cullen was transferred to San Jose, Calif., to become general manager of a new electronic data processing machine plant IBM is building on the West Coast. Robert P. Crago, the present Kingston Military Products Division general manager, succeeded Mr. Cullen.

Mr. Cullen came to Kingston from Endicott where he was production manager of IBM's largest manufacturing facility. He joined the company in 1932 at Endicott and worked there on development of engineering standards.

Shortly after the outbreak of World War 2, Mr. Cullen was given a special assignment as project manager of Naval Ordnance Assembly. This was followed by his promotion to production manager.

WHILE AT IBM KINGSTON, Mr. Cullen was a director of the Kingston Area Chamber of Commerce, a member of the Board of Trustees of Kingston Hospital, and a member of the Kingston Kiwanis Club. He also held membership in the Society for the Advancement of Management, the IBM Two-Generations Club and the IBM Study Club.

Mr. Cullen is a native of Buffalo and a graduate of Southside High School in Elmira.

Mr. and Mrs. Cullen and their family made their home in Kingston at 262 North Manor avenue. They have four children, John Gavin, 20; Thomas Carlton, 19; Marianne Dorothy 14, and Elizabeth, 9.

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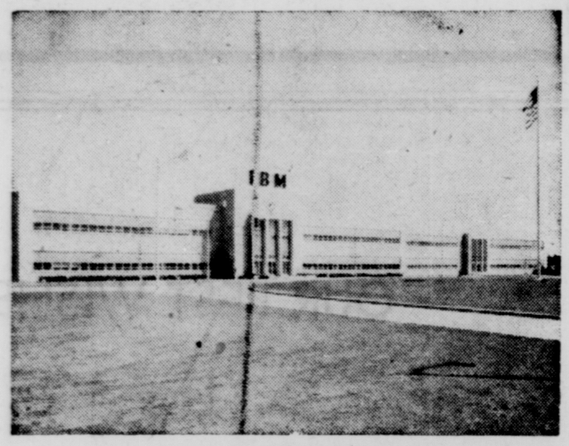

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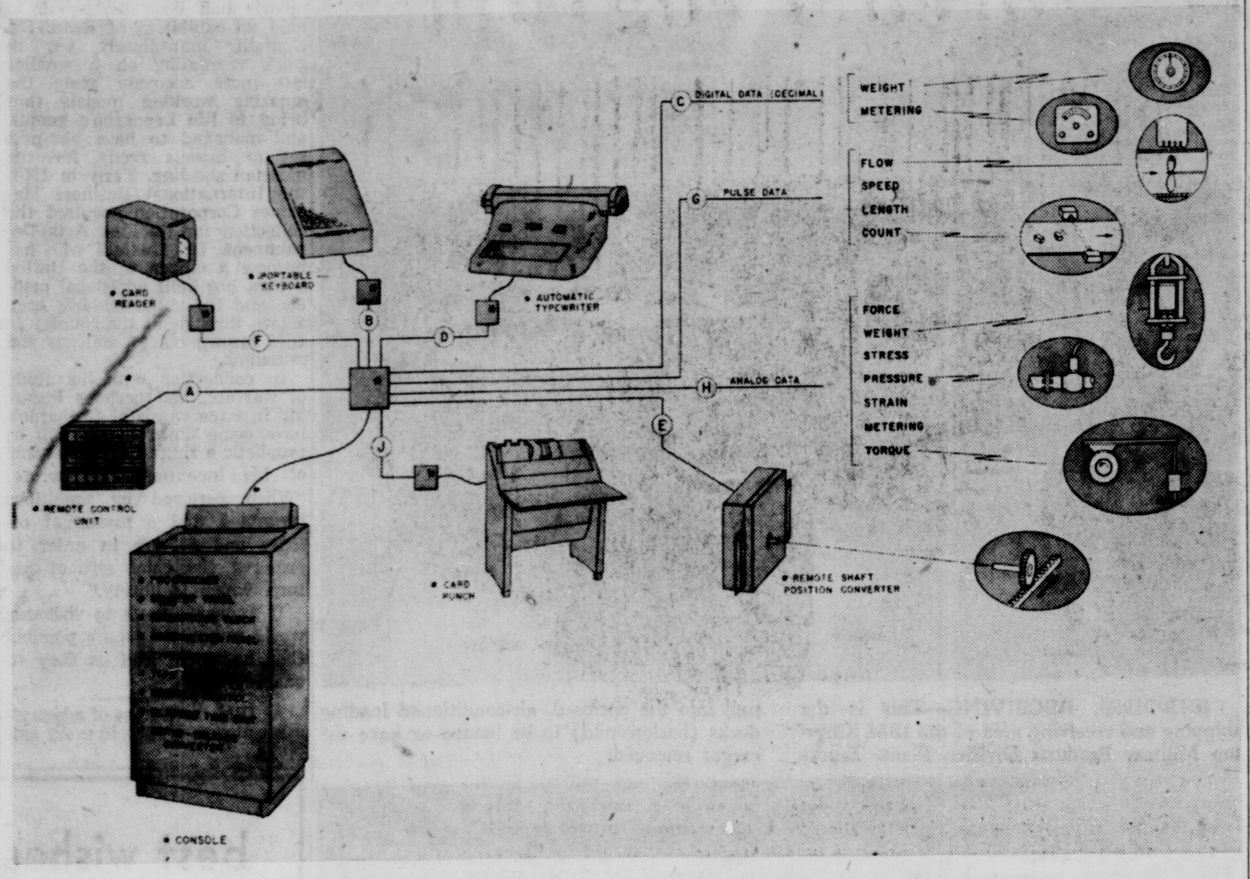
Automatic Production Recording System



Shown here in schematic form is the operation of the new IBM Automatic Production Recording System which is designed to collect, store, correlate and record production data automatically. The modular design of APR Systems permits "building block" grouping of components.

IBM's is the first such machine system for automatically obtaining production-line data and processing it in a form suitable for quick action by management.

IBM's APR equipment, providing a new, fully-integrated system designed specifically for the automatic collection of production data at the source of manufacturing operations, fills a long-standing need in industry wherever continuous process production line methods or job shop operations are in use.

Fast and flexible, APR can express itself both in machine and human language. It has the ability to collect, correlate, store and record accurate, up-to-the-minute production data in punched tape and cards, while printing out reports for supervisors on automatic typewriters located along the production line. The card and tape media, containing such variables as weight, count, length and temperature, together with related information identifying the product and process, are used as input to accounting machines.

Management—particularly accounting management—has long recognized that data collected manually is unreliable, difficult and expensive to obtain, and thoroughly inadequate for the purpose of making sound business decisions. The new system eliminates all these factors, for APR prepares information in a form compatible with data processing machines even as the production process is underway. At the same time, the up-to-the-minute typewritten reports not only keep supervisory personnel squarely in the picture, but increase their effectiveness.

APR'S FLEXIBILITY stems from the sixteen, newly-developed basic components, or "building blocks," which are assembled in appropriate combinations to meet the requirements of widely-varying production recording applications. They include automatic and manual input units, pre-punched card readers, printing card punches, control console, and remote typewriters. Each APR system consists of the components required on the basis of the number of production points to be covered and the nature of the manufacturing operation.

APR works along these lines:

Measurements made by such commercially-available instruments as mechanical or electronic sensing devices, strain gauges, thermocouples and other variable voltage devices are read electrically. Then, if necessary, they are converted to digital or numeric form suitable for input to the storage unit, or for output via the tape perforator, card punch or automatic typewriter. An on-demand or time programmed read-out can be initiated at any stage for visual display of data which is being accumulated in storage.

Non-variable, identifying data, such as machine and man number can also be introduced into the system from rotary switches on the console or remote control panels, by portable keyboards, or by card readers which read data from IBM pre-punched cards.

The functions of storage in APR are performed by accumulator panels and counter panels which count and store impulses representing measurable data such as count of units or weight of the product.

HEART OF THE APR System is the programmer. This component coordinates the flow of information from the input and storage elements to the output units to provide printed and punched records for the particular application.

Output is recorded either by an automatic typewriter, a card punch or a tape perforator. The typewriter produces a printed record of current production information which is primarily for "on-the-spot" use in the production area. The tape perforator produces five-channel alphanumerical punched tapes which are automatically converted to IBM cards when processed by tape-to-card punches. The tapes contain complete instructions for directing the tape-to-card punches as well as the codes that represent data to be punched into the cards.

A reel 8 inches in diameter, containing approximately 300 feet of paper tape will hold punched information equivalent to about 350 eighty-column IBM punched cards. Inexpensive and compact, these reels are easily stored or mailed to data processing facilities. Tape-recorded information also may be transmitted over regular telegraphic systems from one location to another. This feature is used when a company with centralized data processing facilities has a number of factories at widely separated points.

A new link in efficient industrial data handling is IBM's Automatic Production Recording System, consisting of standardized components designed to collect, correlate, store and record production data automatically from various measuring instruments.

A functional input component of the APR System is the console control unit, shown here. This unit permits the manual introduction of production line data into the system. The console may contain an automatic IBM electric typewriter, a commutator clock, a console control unit, and various other components such as counter panels.

Here's an example of how this new system might be used in a manufacturing plant. Our hypothetical case concerns a plant producing electric motors on an assembly line basis. Production information wanted by management is as follows:

For accounting purposes: the number of motors produced, the number that passed inspection, the total productive hours, non-productive periods by reason or code, and the date of the month.

For quality control: the troubles encountered with motors that fail to pass inspection, and the reasons for their rejection.

For production control: hourly reports on production, rejection, and repair rates, and also instantaneous on-demand readings for these items at any desired time between scheduled hourly readings.

And here's how the Automatic Production Recording System goes to work for this manufacturer:

First, counting switches are placed on the conveyor lines at strategic places, and unit count is fed to counter panels in the APR console.

BY MEANS OF A CONTROL unit located at the assembly line, an operator introduces the production order number into the system and signals the passing of the last motor of a given order. APR then correlates a read-out code number, shift number, year, month and date—previously introduced into the system—with the production number, elapsed job time, and unit count from storage. All this information is then fed to the printer and tape perforator to produce the record for accounting purposes.

Second, a portable keyboard is installed at the motor repair area, where the production number and repair code for each motor are recorded on the printed document and in punched tape. These become the reports for quality control analysis. An electrical impulse is fed to a counter for each operation of the portable keyboard, making available a total of motors repaired for the on-demand printed record. An additional counting switch is located between the production line and the motor repair area to provide a motors-rejected total.

Third, an hourly read-out, initiated by a control clock, correlates code number, time of day, shift number, quantity finished, quantity rejected, and quantity repaired. This report, printed by the automatic typewriter, provides information necessary for effective control at stations along the production line. A push button permits a read-out of the same data at any time.

This is only a simple illustration of the work IBM Automatic Production Recording Systems perform. These systems are designed to provide a new link in efficient industrial data handling—to meet the many and varied data collection needs of industry automatically, quickly, and accurately.

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SHIPPING, RECEIVING—This is the shipping and receiving area of the IBM Kingston Military Products Division Plant. Trucks pull into the enclosed, air-conditioned loading docks (background) to be loaded or have the cargos removed.

BACK PANEL ASSEMBLY — Skilled hands wire and solder electronic components into place in the Back Panel Assembly Department. The back panels are vital parts of the air defense computers now being produced in the IBM Kingston Military Products Division Plant.

Leonardo's Works Acquired by IBM

You have another think coming if you believe the Wright Brothers designed the first airplane; the tank was conceived in World War I; the Gatling Gun was the first machine gun because you would be wrong. These and many other inventions by Leonardo da Vinci (famous for such works of art as "Mona Lisa" and "The Last Supper") were first conceived just about the time Christopher Columbus was stubbing his nautical toe on the American continent while hunting for the Indies. And that nag-frightener, the horseless carriage of the 1890's, has to take a backseat too, because Leonardo designed the first mechanical car.

Leonardo's notebooks, written in minute and accurate left-handed mirror writing and filled with sketches of his inventions, ideas and improvements of already-existing devices, are crammed with such foresighted things as air conditioners, triple-tiered machine guns—one group of barrels could be fired while the second cooled and the third was being loaded—airplanes, anatomical drawings that can be used with profit today, designs for two-level highways for pedestrian and vehicular traffic, as well as that indispensable and perhaps too-familiar roadside instrument, the jack.

AMONG THE IDEAS that came newly-minted from Leonardo's mind, his aeronautical studies are the most intriguing, for they represent his obstacle-surmounting genius in its clearest form. He devised a parachute—or tent of linen, as he called it—that is said to have been used successfully. His airplane was the fruit of his scientific treatment of the problem of flight, and modern engineers say that it was theoretically sound. and we must bear in mind that he defined the new everyday principle of aerodynamic reciprocity 200 years before Newton.

We are all familiar today with the helicopter that reached easily into the mountainous areas of the Korean battleground to pluck the wounded out from under enemy fire. Well, Leonardo foresaw this aircraft, too. His aerial screw is the forerunner of our helicopter, and its design makes it the prototype of today's ship's propeller as well.

In addition to these great accomplisments, Leonardo devised a stage setting for a pageant put on during the wedding celebration of one of his patrons. Fittingly enough, it portrayed Paradise and the blinking stars of its surrounding firmament were lit by a thousand candles that burst into flame together, and sweet music filled the air from instruments of Leonardo's own contrivance.

LEONARDO'S GENIUS is closest to us, perhaps, in his mechanical studies and devices. His studies of gears, for example, needed little development before finding themselves integral parts of twentieth-century machines. In addition to inventing the already-mentioned first mechanically driven car, he devised a transmission mechanism that is reproduced in today's automobile, and his rotating hoists differ only in details from the indispensable crane and steam-shovel of our time.

Even in his military designs, we are astonished to find him close to us. His machine guns, steam guns and breech-loading cannons represented tremendous strides in armament making, and many of his ideas plainly foreshadowed today's developments. Perhaps the most startling of these are his armored car, ancestor of today's tank, and his mechanical bow that could hurl flaming projectiles and is suggestive of the modern flamethrower.

Among the things that held Leonardo back from the full realization of his inventive genius, which as we have seen far outstripped the facilities of his time, were, it has been said, a compact power unit and a metal sufficiently hard for his needs. Nevertheless, carried on in a spirit of free inquiry, his work has meant much to the generation that followed him.

IN ADDITION to his other amazing achievements, Leonardo designed canals that are still in use in Italy. From his study of fish forms, he created the spindle-shaped hull to replace the round-bottomed hull used in the ships of his time. This gave the vessels more balance and less friction against the water which meant increased safety and speed for mariners—and a vital advance in the economy of that society. Some of his other achievements are worth noting: he described the rings in trees in relation to the years of their growth; he observed and noted for the first time the phenomenon of a plant's bending and turning to follow the sun; he was the first scientific mapmaker, and he devised an instrument for measuring the radius of the earth that gave him a figure only a few miles out of the way. He also devised a printing press that could be run by one man and which was a great improvement over Gutenberg's that required several men to operate, thereby helping to make vast stores of knowledge more easily accessible to man.

In 1938, the city of Milan, Italy, held a great exhibition of full-scale reconstructions of the works of Leonardo. A panel of outstanding scholars, scientists and engineers from many countries approved the plans for each of the replicas and their construction was carried out in meticulous detail under the supervision of a young engineer, Dr. Roberto Guatelli.

Early in 1939, a part of this exhibition was put on display at the former Museum of Science and Industry in Rockefeller Center, New York. When World War 2 broke out, the exhibition was shipped to Japan. During heavy bombing attacks in the late stages of the war, the models were destroyed on the grounds of the Italian Embassy. Dr. Guatelli, who had accompanied the exhibit to Japan was confined in a concentration camp at the time.

AND NOW THE STORY of these models begins to take on that almost "fairy-tale" quality that clings to some of Leonardo's own fantastic insights. When Dr. Guatelli returned to Italy he found a request there from an American museum official, who was unaware that the models had been destroyed, to hold an exhibition of them. Dr. Guatelli, immediately set to work recreating on a smaller but more accurate scale the amazing working models that bring to life Leonardo's genius, and managed to have his new set of models ready for the museum showing. Early in 1951, the International Business Machines Corporation acquired the collection for its Fine Arts Department. Dr. Guatelli who has become a citizen of the United States, has built additional models, and the collection has been shown throughout the country in IBM branch offices, colleges and museums.

In connection with his study of warfare, and perhaps inspiring it, some words of Leonardo's have come down to us with as prophetic a ring to them as some of his inventions. He wrote: "When beseiged by ambitious tyrants I find a means of offense and defense in order to preserve the chief gift of nature, which is liberty."

If Leonardo were to visit our world today, it is quite possible that he would find us easy to understand.

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To the thousands of skilled and devoted members of this outstanding organization . . . to all who have lent their creative skill to the erection of the new Kingston Area Plant . . . our best wishes go forward in appreciation of their celebrated accomplishments. The ever-growing manufacturing activities of IBM in Kingston is a great compliment to the skills and abilities of our skilled workers.
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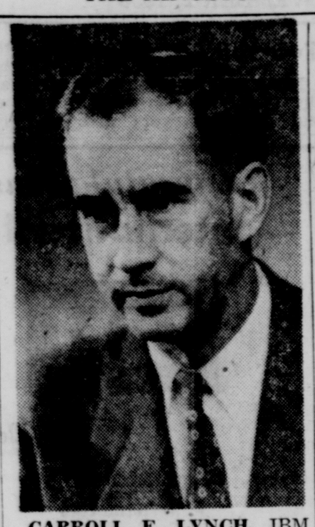


CARROLL F. LYNCH, IBM Kingston Military Products Division's Production Engineer, has had many years of experience with the company since joining IBM in 1932 as a member of the assembly department in the Endicott Plant.

From 1933 to 1934 he worked in various departments, including manufacturing and cost analysis, cost estimating and the Engineering Laboratory. At the start of World War II, he was assigned to Naval Ordnance testing and in 1943 was made manager of that department. In 1946 he was appointed manager of methods engineering.

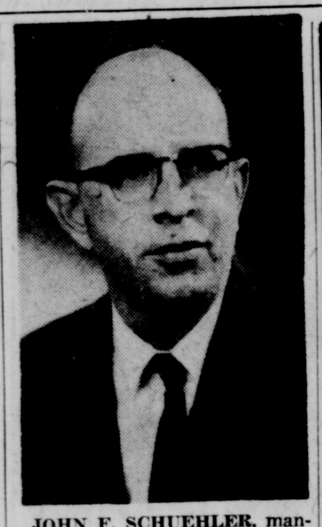
Mr. Lynch was transferred to the Poughkeepsie Engineering Laboratory as assistant production engineer in June, 1949. He was further promoted to production engineer a year later, and in March, 1951, was appointed project manager in charge of a defense contract.

In 1952 he was made special production engineer and further advanced to Project. High production engineer at Poughkeepsie, a position he held before his transfer to the IBM Kingston facility.

Mr. Lynch is a gradute of Cornell University with a B.S. degree in electrical engineering. In the IBM Schools, he has both completed and taught many courses.

Active in company and community affairs, Mr. Lynch is a member of the IBM Country Club, Study Club, American Institute of Electrical Engineers, and a member of the board, Mid-Hudson Workshop for the Disabled, Inc.

Mr. and Mrs. Lynch and their three children reside near Rhinebeck.



JOHN F. SCHUEHLER, manager of public relations, IBM Kingston Military Products Division, joined the corporation in 1941 as a clerk in the Rochester plant. At the time of his appointment to the public relations post, Mr. Schuehler was administrative assistant to the IBM Kingston general manager.

Mr. Schuehler became a sales clerk at Rochester later in 1941 and in 1942 became secretary to the electric typewriter manager of customer engineering in the same plant.

He was transferred to the Poughkeepsie Plant at the completion of his military service in the U. S. Army in 1945. At Poughkeepsie he served in various capacities, including that of secretary to the manager of electric typewriter customer engineering; as senior clerk to the office manager of electric typewriter customer engineering; as senior clerk in the education department; as secretary to the controller; as administrative assistant to the controller, and as administrative assistant in the office of the vice president and general manager.

Mr. Schuehler, a native of Cortland, was graduated from Cortland Junior-Senior High School and attended Syracuse University and the Central City Business Institute in Syracuse. He has also completed several IBM School courses.

He is a member of the Kingston Area Chamber of Commerce, the IBM Country Club and the Wiltwyck Country Club.

Mr. Schuehler and his wife, Carolyn, reside on New Paltz Turnpike.

DONALD B. OTIS, controller of the IBM Kingston Military Products Division,, came to this area from IBM World Headquarters in New York City. He has had broad experience in the corporation's fiscal operations.

While in New York he served as administrative assistant in the office of the executive vice president and treasurer of International Business Machines Corporation.

After serving in the U. S. Air Force Finance Center as chief of the accounting division, where he attained the rank of lieutenant colonel, Mr. Otis joined the company in August, 1952, in the IBM Methods Department at Poughkeepsie. In July, 1953, he was transferred to the Poughkeepsie controller's staff and in April, 1954, was assigned to World Headquarters.

Mr. Otis is a native of Concord, N. H., and is a graduate of the University of New Hampshire, where he received a B.S. degree. He is a member of the IBM Country Club, National Association of Cost Accountants and the United States Air Force Reserve.

Mr. and Mrs. Otis and their two children reside in Hope Ave., Kingston.

THOMAS J. LIGOURE, plant engineer of the IBM Kingston Plant, was advanced to his present position from that of project manager in the Plant Engineering Department at the IBM Poughkeepsie Plant.

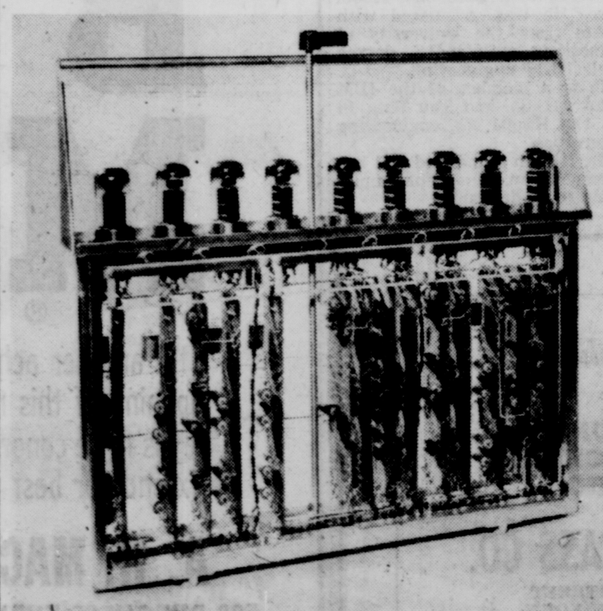
Mr. Ligoure is a graduate of Poughkeepsie High School and the University of Iowa, where he received his B.S. degree in mechanical engineering. He also attended Fordham University.

A member of IBM since September of 1942, Mr. Ligoure joined the Poughkeepsie Plant as a layout engineer in the Plant Engineering Department. His promotions since then have been within that phase of IBM. They include industrial designer, November, 1944; designer, July, 1945; technical engineer, May, 1946; plant layout engineer, March, 1947; and mechanical engineer, May 1947.

In February, 1952, he was promoted to manager of mechanical and electrical design, and was further advanced to project manager in March, 1955.

Mr. Ligoure is a member of the IBM Country Club, IBM Study Club, and the Iowa Alumni Association.

Mr. and Mrs. Ligoure reside in Kingston Manor. They have two children, a daughter and a son.



A PLUGGABLE UNIT is a combination of hundreds of electronic components. Shown above is one of about 425 different varieties of pluggable units used in the computers being manufactured at IBM Kingston.

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IBM KINGSTON'S MAIN LOBBY—Designed by one of the leading men in the field, the main lobby of the IBM Kingston Plant is functional in every respect. It has architectural terra cotta walls and terrazzo floors. In rear center of photo is a large planter filled with growing plants of many varieties.

CAFETERIA AND LOUNGE — Nearly two-thousand persons are served daily in the spacious cafeteria at IBM Kingston. Lounge area, where employes can play checkers, read magazines or just relax, is at left.

Two Miles of Conveyors

More than two miles of various types of overhead, roller, and belt conveyors are used throughout the assembly lines to convey parts, sub-assemblies, and assemblies to and from almost all operations in the IBM Electric Typewriter plant. These conveyors assure operators of a continuous supply of parts furnished to them conveniently without the need of their leaving their work stations.

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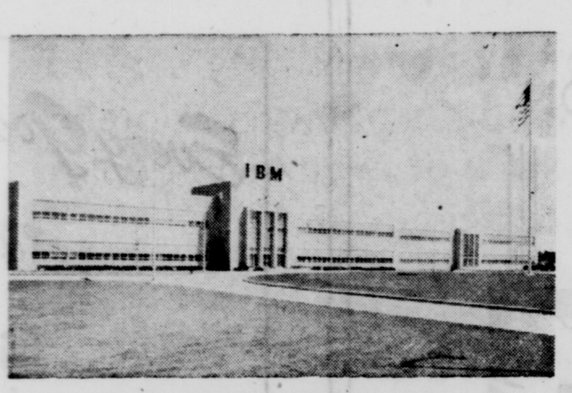

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KERON O'NEIL, manager of the personnel services division of the IBM Kingston Military Products Division, came to this city after serving as administrative assistant to the controller of the Endicott plant. Prior to his new appointment he was division manager in charge of IBM Methods at the plant.

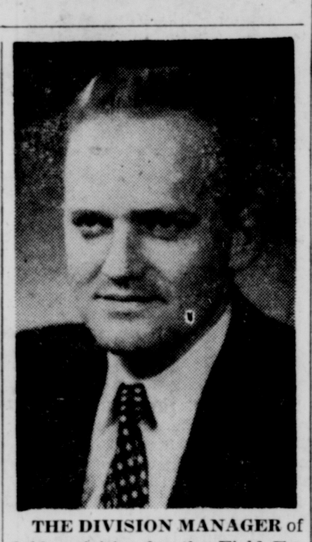
A native of Binghamton, Mr. O'Neil completed high school there, and was graduated from the University of Rochester with a B.S. degree in education. He has studied and taught several courses in the IBM Schools.

Mr. O'Neil joined IBM in 1942 as an Accounting Machine Operator at the Endicott Plant. In 1946, he became an instructor in the IBM Sales School at Endicott, and in 1947 joined the IBM sales force as a salesman. He was transferred to the staff of the Endicott controller in 1951.

From 1952 until 1953 he was manager of the Cost Compilation Department at Endicott, and then was promoted to the post of project manager over Office Services at the Endicott Plant.

Mr. O'Neil is a member of the IBM Country Club, the IBM Study Club, National Association of Cost Accountants and the Kiwanis Club.

Mr. and Mrs. O'Neil, who have two sons, make their home at 12 Mountain View Ave., Kingston.



THE DIVISION MANAGER of field activities for the Field Engineering Department of the IBM Kingston Military Products Division is Edward C. Byman.

He joined International Business Machines Corporation in July of 1950 as a customer engineer at the Hartford, Conn., office. Mr. Byman worked there until August, 1952, when he was transferred to Poughkeepsie as a field engineering trainee.

He was later promoted to instructor of field engineering and then transferred to Savannah, Ga., as a supervisor in July, 1953. Mr. Byman returned to Poughkeepsie in February, 1954, for final test training on Project High. He was promoted to technical engineer in June, 1954, and in January, 1955, was transferred to Kingston as technical assistant in defense field engineering.

Mr. Byman served three years as a navigator in the U. S. Air Force during World War 2 and was awarded the Air Medal and the Distinguished Flying Cross.

A native of Stratford, Conn., Mr. Byman attended high school there. He was graduated with honors from the University of Connecticut with a B.S. degree in electrical engineering.

He is a member of the IBM Country Club, and Tau Beta Pi and Eta Kappa Nu, engineering fraternities.

Mr. Byman is married and has three children. He and his family reside in Hyde Park.

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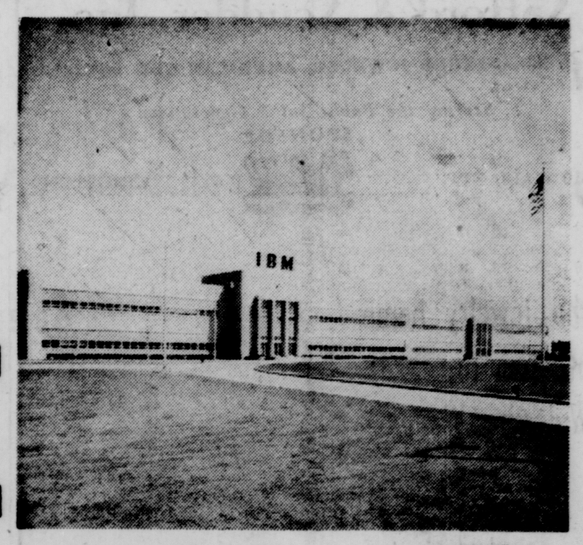

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Still another achievement in your onward march. The opening of this new Kingston plant in our Hudson Valley is to be congratulated. As a supplier of IBM parts, we extend our best wishes to the entire IBM organization.
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Time Equipment Division Given Autonomous Status

More Business Warrants Move

New York—International Business Machines Corporation has given autonomous status to its Time Equipment Division, oldest of the three original divisions of the company, Thomas J. Watson, Jr., IBM president, announced today. The Time Equipment Division is the fourth segment of IBM to be given autonomy. Other divisions created within the past year are the Electric Typewriter, Military Products, and Electric Accounting Machine Supplies Divisions.

Herbert R. Keith, an IBM sales executive who has been serving as executive assistant to the executive vice president, has been promoted to general manager of the new division. Paul S. Wells, sales manager of the division, and James J. Garwood, assistant sales manager, retain these posts under the new set-up. J. George Harvey will be controller.

Mr. Watson said that the present move was warranted by the increasing business being done by the Time Equipment Division, and the continuing diversification of its products. It is estimated that the division's revenues this year will represent a 300% increase over 1946.

The division markets a central control system for automatically switching on or off up to 40 groups of remote electromechanical services or operations in a plant or institution; complete master-controlled time systems; and various types of time indicating, recording, and signalling equipment for industries and institutions.

Last week the company revealed the division had developed a new technique in data handling known as Automatic Production Recording. This new product system will automatically collect, correlate, store, and record production data in forms directly communicable to people and to data processing machines. By connecting to commercial instruments and measuring devices in processing plants and fabricating industries, production data may be gathered which can be printed on a document automatically, and at the same time prepared in punched tape, or punched card form, for direct processing on electronic data processing machines or punched card equipment. The combination of recording and data processing elements represented in this equipment makes it essential that the division's management team be well-grounded in both techniques.

Mr. Keith is a graduate of the University of Wisconsin and holds a Master's degree from Babson Institute. He joined IBM in 1933 as a sales representative in Chicago. In 1946 he was advanced to branch manager in Madison, Wisconsin, and subsequently served in managerial and executive posts in Milwaukee, Wisconsin, Endicott, N. Y., and Detroit, Michigan. In 1952, he was promoted to assistant electric accounting machine sales manager, and later served in other executive posts in the electric accounting machine division until early this year, when he was named executive assistant to the executive vice president, his latest position.

Mr. Wells, a graduate of the University of Pennsylvania, joined IBM in 1938 as a time equipment sales representative in Philadelphia. In 1946 he was promoted to instructor in the IBM Department of Education in Endicott, N. Y., and later that year was made time equipment manager in San Francisco, Calif. Subsequently he served in various managerial posts on the west coast until 1953, when he was made assistant sales manager of the Time Equipment Division. He was promoted to divisional sales manager in 1955.

Mr. Garwood attended Pennsylvania State University and the University of Pittsburgh, and joined IBM in 1941 as a Customer Engineer at Pittsburgh. In 1946 he was made a time equipment sales representative and subsequently served in various sales and managerial posts in Austin, Baton Rouge, Houston and New York until 1955, when he was promoted to assistant time equipment sales manager.

Mr. Harvey attended Columbia University. He joined IBM in 1946 as an accountant in the general accounting department, and in 1947 was promoted to senior accountant in the office of the controller. He was advanced to administrative assistant in the office of the controller, his latest position, in 1954.

PAUL S. WELLS

HERBERT R. KEITH

ALEXANDER T. CHEPELEFF,

Manager of Budgeting, Pricing and Fiscal Planning at IBM Kingston Military Products Division, was promoted to his present position in September from that of works accountant. He is now serving as an assistant controller in the area of fiscal controls. He has been with the corporation since 1942.

He began in the Ordnance Accounting Department at IBM's Endicott Plant and three years later joined the Internal Audit Staff and the Staff of the Works Accountant, where he served until 1951 when he was appointed manager of ordnance accounting at Endicott. He held that position until June, 1954, when he was transferred to Kingston as project manager of accounting. In November, 1955, he was appointed works accountant for the Military Products Plant here.

A native of Olyphant, Pa., Mr. Chepeleff was graduated from Union Endicott High School and holds a B.S. degree in business administration from Syracuse University. He has also done graduate work at Columbia University.

Mr. Chepeleff is a member of the IBM Country Club, the IBM Study Club and the Mid-Hudson Chapter of the National Association of Cost Accountants. He is a past president of the Binghamton Chapter of the NACA and the Syracuse University Alumni of Greater Endicott.

He has completed more than 20 courses in IBM Schools.

Mr. and Mrs. Chepeleff, who have three sons and a daughter, live at 100 Lounsbery Place, Kingston.

Electronics Will Be Used in Kitchens

Swains of the future may not be asking the time-honored question, "Can she cook?" but instead, "Has she got an engineering degree?" Because by then, it will be common knowledge that a girl won't be much use in the kitchen if she doesn't know her electronics.

Fantastic? Well the General Motors Automatic Kitchen, recently on display at GM's 1956 Motorama at the Waldorf Astoria Hotel in New York and now touring the country, is equipped with a "magic recipe maker" developed especially for GM by the Special Engineering Department of International Business Machines Corp. The new machine, which is installed in a GM kitchen cabinet, will bake cakes, pies, etc. all at the flip of an IBM card and a punch of a button. Lights will light up, proper ingredients will be electronically commanded to go where they're supposed to, and—to top it all off—a picture of what's in the works, be it waffles, oatmeal cookies, or whatever, will be projected so the push-button cook will be absolutely certain of what she's making.

Here's how it works. Let's say the homemaker decides she would like to bake an apple pie for tonight's dinner. She presses a "pie" button and all the cards for each pie are automatically picked out of a file of 1000 recipes.

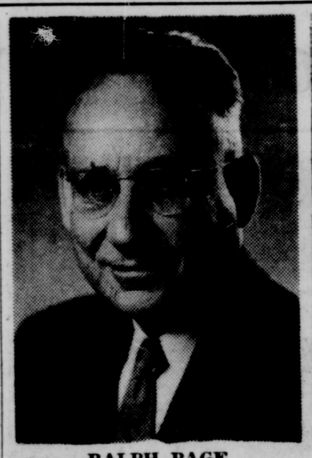
Each IBM recipe card contains punched information representing the ingredients to be used, and a film transparency of the delicacy to be baked.

After choosing the card for apple pie, the homemaker inserts it into a slot in the wall cabinet. A printed recipe and color picture of the completed dish are projected on a screen. At the same time, the card is "read" by an IBM unit, lights flash, a few buttons are pushed and—presto—each ingredient is automatically and accurately measured and dropped into a bowl, and the machine has finished its job.

No more sifting, no more measuring, no more wondering whether she had put one cup of flour or two into the bowl before the telephone rang! This is really automation in the kitchen!

Plant Lighting

Plant lighting has been designed to provide a safe, comfortable and pleasant level and direction of light for all work places and for general illumination and appearance.



RALPH PAGE

Tracking down solutions to knotty technological problems is an everyday job for Ralph Page, senior engineer at the International Business Machines Corporation's Electric Typewriter Division plant at Kingston. Page's pioneering efforts in measuring the speed of the type bars on an operating machine took the guess-work out of typewriters and gave IBM Electric Typewriter engineers the information they needed for improving designs.

Prior to his work on Electric Typewriters Mr. Page worked on the printing tabulating machine and horizontal sorter and was the man responsible for the development of the collator. He was the inventor of the first finger-print sorter machine, developed especially for the Federal Bureau of Investigation, and was active in the development of such machines as the electric key punch, duplicating key punch and the automatic gang-punch.

Mr. Page studied mechanical engineering at the University of Michigan, and joined IBM's Endicott Division in 1917 as a draftsman. In 1921 he was appointed chief draftsman, and seven years later was promoted to production engineer. In 1935 he was made an assistant development engineer. He was transferred to the East Orange Laboratory in 1937 to work on the 407 Accounting Machine. In 1944 he was transferred to the Poughkeepsie plant and was promoted to senior engineer.

He is a member of the IBM Country Club, Mohawk Hunt Club, Mid-Hudson Rod & Reel Club and the Amrita Club.

Mr. Page and his wife lives at Noxon Road, LaGrangeville.

Electro-static Painting

Electro-static painting system speeds the painting of IBM Electric Typewriters at the plant. The electric typewriter covers are painted in an elaborate metal finishing system utilizing the recently developed electro-static painting technique. The covers are finished in a continuous automatic process requiring a two and a half hour cycle time for bonderization, painting and drying. The electro-static system provides an exceptionally high quality paint finish with minimum paint consumption.

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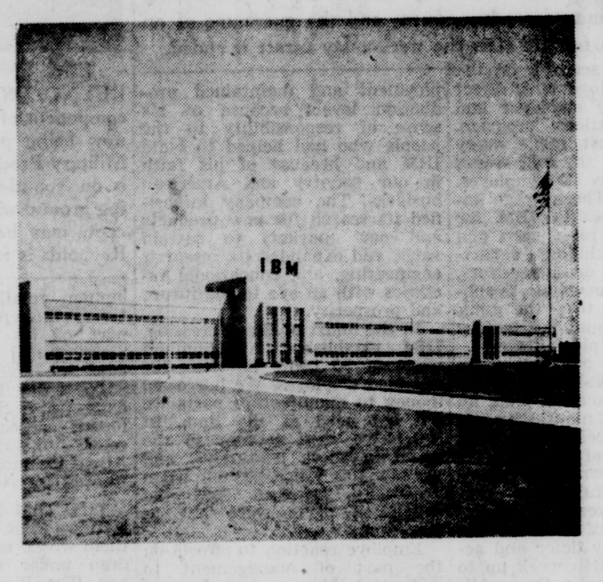

We join the throng of well-wishers by adding our sincere congratulations to a great Industry and to the man whose foresight and ambition made possible this magnificent Plant.

UNION
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WE take great pleasure in joining thousands of others in extending BEST WISHES and CONGRATULATIONS to the IBM organization on the opening of its magnificent new Kingston plant.

We are proud of our friendly and cooperative association with IBM and its members.

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"Many Happy Returns of the Day"

This is our greeting to International Business Machines Corporation and its people as they become a part of this, the land of Rip Van Winkle.

For 35 years we have found the Kingston - Port Ewen community a good place in which to live, to work, and to play. The people are good people to know, to work with, to grow with. Of this we can be certain: As Hercules has found it so, IBM will also.

And so again, in the most neighborly fashion we know, all of us say:

"Many happy returns of the day."

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Good Human Relations, Organic Part of IBM Make-up

Program Is Practical Way of Living, Working

Good human relations must be more than just a program. To be truly effective they must be an organic part of an organization's make-up. We, in IBM, feel we have such human relations because we know that our program is not an expedient, but a practical way of living and working together. Under the guidance of the late Thomas J. Watson, founder of IBM, good human relations have prevailed in the kind of environment where they thrive naturally.

What is this environment? It is the realization that everything starts with the individual. In his first speech before the organization, Mr. Watson stated the case plainly. "Business," he said, "is a man proposition pure and simple." On another occasion, Mr. Watson said, "You can get capital to erect buildings, but it takes people to build a business."

In this atmosphere each man is respected as an individual, because it is understood that progress for all can be achieved only when each person makes progress in his or her own life.

A GOOD HUMAN RELATIONS program must start with fundamentals. Security is the thing most working men strive for: security for themselves and for their families. Present security is built on current wages or salaries, the assurance of steady employment, and a guarantee against loss of income through enforced absence from work. Future security is built on these elements, plus an opportunity for advancement and the guarantee of an adequate income for life after the work-a-day career is ended.

This urge for security on the part of an employe is a direct challenge to the employer and his human relations program. Management must make every effort to provide the best wages and salaries for its employes. It can be done. The average annual rate of pay in IBM for qualified hourly rated men and women, not including department managers or supervisors, and exclusive of overtime, is substantially higher than the minimum wage for qualified factory workers in the United States.

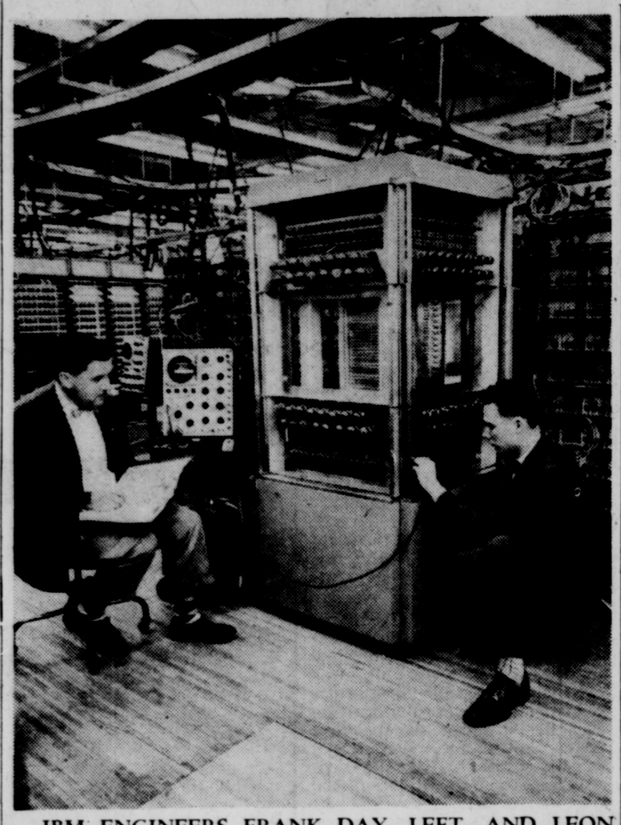
IBM provides pay for seven holidays each year, and under the company's vacation plan, an employe with six months' to one year's service receives one week with full pay; after one year and up to ten years, two weeks' vacation with full pay. Employes with 25 years of service receive four weeks' vacation with full pay, and may defer and accumulate the fourth week up to a total of five weeks, thus making possible an extended vacation of nine weeks.

THE CHALLENGE of providing steady employment is a more difficult one for business to meet. A well-run industry, no matter how efficient or how vital to a nation's business, cannot help but be affected by a decline in the general economy. It is, however, the duty of every company to make every effort to keep its employes at work, rather than dismiss them and add to the crisis. During the depression years Mr. Watson increased employment and maintained production levels because of his sense of responsibility to the people who had helped to build IBM and because of his faith in our country and American business. The company intensified its search for new products and new markets to sustain sales, and expanded its research engineering, and educational facilities with an eye to the future and prosperity.

In the midst of the depression, IBM established a minimum wage of 50 cents an hour for qualified employes. We borrowed money to manufacture parts we did not need at the time. In short, we went counter to the trend in those lean days, and we saw this vision pay off when prosperity returned, and the stockpiled parts were put to good use.

Employe reaction to efforts on the part of management to guarantee him against loss of income through enforced absence from work is important. Does the employe take advantage of these guarantees? During the war, IBM had one of the lowest absentee records in the nation, and peace-time absentee rates remain steadily well below the two per cent mark, despite a very liberal health and accident plan.

When a person is sick or suffers an injury, he needs all his strength to get well. Worry about his economic problems only delays his recovery. A good human relations program relieves the employe of a large part of his worry. The IBM Sickness and Accident Pay Plan pays the hourly rated employe $6.00 a day for the first three days he is ill. Beginning the fourth consecutive day, he receives full wages for six months. After six months, each case is treated individually.



IBM ENGINEERS FRANK DAY, LEFT, AND LEON REYNOLDS are shown checking the Core Memory Array, a component of an air defense computer similar to those which are now being produced for the Air Force at the IBM Kingston Military Products Division Plant. Known as XD-2, this computer is on 'round-the-clock operation at Kingston, serving as a proving ground where tests of operation, reliability and changing concepts may be performed. Mr. Day is recording data and Mr. Reynolds is running system tests with an oscilloscope.

THE IBM FAMILY Hospitalization Plan covers employes, their wives, and unmarried children under nineteen years of age. The Plan also covers employes retired under the IBM Retirement Plan and during the employe's lifetime his dependent wife or husband. Payments under this plan are made whether or not the employe carries other types of hospitalization insurance. Actual hospital charges for bed and board up to $10 a day are paid for each day of hospitalization up to 35 days for any one ailment in any 12-month period, and up to $100 for other hospital services, nursing care and attendance by a physician.

As a further means of relieving employes of hardship and worry in the event of an accident or illness of major proportions, IBM has introduced the Family Medical Plan to cover all employes, their dependent wives or husbands, and their unmarried children under 19 years of age. When an employe or any covered member of his family incurs medical expenses exceeding the payments under the Family Hospitalization Plan, he receives benefits for 75% of all such charges over $300—up to $10,000. The new Plan was introduced with the realization that a long and costly illness or accident may wipe out an employe's savings of many years. The company bears the entire cost of this Plan, and of all other IBM benefits.

Now let us turn our attention to management's responsibility in providing future security for its employes. Everything we do in this life is generally done with an eye to the future, either immediate or distant. If an organization wants its employes to remain with it, and enjoy thereby the benefits of the employes' increasing experience, it must provide an opportunity for the kind of future its employes will find valuable.

In 1917, Mr. Watson said, "I hope that every man in the organization will remain with it, because as the business expands you are going to grow; there are going to be new positions created from time to time, with new opportunities."

In IBM, the chance of advancement is always there. With very few exceptions, vacancies and newly-created positions are filled from the ranks. It has been our experience that a person will remain with an organization that gives him a chance to grow, and the benefits that result to the organization are readily seen.

To the young person in industry, his day of retirement seems far in the distance. But it must come to everybody, and a good human relations program helps employes plan for that day. Company payments to retired IBM employes come from two sources: The IBM Retirement Plan and the Watson Fund for Supplementing the IBM Retirement Plan.

THE WATSON FUND came into being when Mr. Watson refused to share personally in any profits derived from the production of war materials, and reduced the contract rate of his percentage commission. The resultant profit has been set aside, since 1942, in a special reserve fund to be used for the benefit of employes.

The IBM Retirement Plan, recently revised in line with the Company's policy of keeping such plans abreast of current conditions, provides monthly retirement income for life ranging from $110 for those with 10 years of continuous service to $275 after 45 years of service. These figures, which include Social Security, are based solely on length of service. In addition, the Retirement Plan is supplemented by a retirement pay formula based on earnings as well as length of service. A retiring employe receives which ever retirement income is greater—the one computed exclusively upon length of service or the one computed upon both length of service and earnings. Sample retirement benefits for employes with 45 years of service are:

Average Earnings	Monthly Retirement Pay
$5,000	$275
7,000	341
10,000	487
20,000	665
30,000	842

In addition to the pension benefits, arrangements have been made to provide paid-up insurance policies of $500 each for all employes retiring with 10 years of continuous service. For each additional year of service, $50 is added up to a maximum of $2,250. This provision is made in order to take care of expenses at the time of death.

Part of the income from the Watson Fund provides pensions for the widows and orphans of IBM employes who died in service during World War II. Under this plan the company pays such widows and children an amount equal to that paid by the U. S. Government under the Widows and Orphans Act. Payments by the company to a widow continue for her lifetime or until marriage. Payments made by the company for a child continue until 21 years of age is attained.

A GOOD HUMAN relations program must be designed according to common sense. The IBM Group Life Insurance Plan, entirely company supported, has been planned in this way. Mr. Watson reasoned that the younger a man is, and the shorter his business career, the less time he has to build up an estate that would provide for his family in the event of his death. After a month of service, the IBMer is insured for $1,000. At the end of one year his coverage is increased $3,000 a year, so that at the end of five years of continuous service the employe has $15,000 worth of life insurance. From six years to ten there is an annual increment of $1,000, bringing the policy up to $20,000. After the tenth year equal annual increases are made so that when the employe joins the IBM Quarter Century Club he is insured for $25,000.

When Mr. Watson announces improvements in these plans, he invariably reiterates that these benefits are not inducements to further effort, but are rewards for services rendered the organization by IBM employes. You can see, therefore, that a human relations program is effective where there is a giving as well as a receiving on both sides.

We must keep in mind that a human relations program is not expressed solely in terms of dollars and cents. To be effective, a sense of social responsibility as well as a feeling of common purpose must be nurtured by the program. When the family spirit pervades any business there is an increase in the feeling of common purpose so necessary to cooperation and success. IBM encourages members of the same family to work within the organization. The steady growth in membership in the IBM Two Generations Club and Three Generations Club points up the fact that parents think IBM is a good place for their children to work.

A human relations program must be an integral part of an organization to be effective. A test of this would be to analyze how much pioneering is done by an organization in its human relations program. IBM has always striven to be a pioneer in its industrial field. Mr. Watson has often pointed out that no progress could ever be achieved if it were not for the pioneers in all fields of endeavor. Somebody, in short, has to get out in front and lead the way. In IBM, we have tried to follow this principle in our human relations.

WHEN THE MERITS of employing women were still being debated, IBM was hiring young women and giving them responsible positions. There is no double standard of treatment for men and women in IBM. Women receive the same pay for the same work, and are eligible to fill any executive position for which they qualify. One young woman who joined IBM in 1939 rose to vice president after only four years with the company, and held that position until 1954, when she resigned to become a homemaker. Women hold other responsible posts throughout the organization.

Industry's human relations programs should seek out every opportunity to provide training for handicapped people in the use of its products, and to develop applications of its products to provide means of self-support for the handicapped. The problems faced by a handicapped person are community problems, and industry should make every effort to work with the community in their solution. Under Mr. Watson's leadership, extensive programs for training handicapped people in the operation of IBM equipment have been developed and put into operation on a countrywide basis. IBM plants in Endicott and Poughkeepsie cooperate with all agencies that work with handicapped people. If the person is so handicapped as not to be able to work in a plant, there is a Sheltered Workshop and a Blind Workshop where he can work without self-consciousness. IBM cooperates by sending work to these shops, for which regular IBM rates are paid. Sometimes, the skills learned in Workshops, accompanied by physical rehabilitation, enable the handicapped person to go into industry as a regular employe.

Mr. Watson's great interest in finding ways to assist the handicapped has led him to have IBM engineers devote a great deal of time to the development of several devices for the benefit of disabled people. At the suggestion of Mrs. Watson, our engineers have developed a remote control typewriter keyboard which, used in conjunction with the IBM Electric Typewriter, enables a partially paralyzed or otherwise immobilized person to type while lying in bed or sitting in a wheel chair. The company also assisted in the development of a Braille Writer and an Electrical Arm.

A human relations program can be carried right into the production end of a business, enabling employes to take greater interest in the economic and industrial aspects of their work. To this end the IBM Suggestion Plan has been created for IBM employes, both in the manufacturing and field organizations, whereby they can submit suggestions for improving all phases of IBM operations. Special "Suggestion Blank" forms are available to all employes and suggestions may be forwarded by the employe through intra-company mail to the Suggestion Department where they are time stamped and numbered.

Each suggestion is properly investigated by those in the company most familiar with the subject, and following the investigation the suggestion is returned to the Suggestion Department with the investigator's comments.

ACCEPTED SUGGESTIONS are referred to the Suggestion Committee which determines the amount of award to be paid. The Suggestion Committee is made up of representatives appointed by management to represent the various areas of the business. The suggester is then advised by a personal letter the amount of the award and when his award check will be delivered to him.

In cases where a suggestion is not accepted a personal letter is written advising the suggester why his suggestion was turned down. Also, he is advised that if he is not satisfied with the results of the investigation of his suggestion, he is invited to furnish any additional facts which might give the committee reason to review his suggestion. In cases where it is the employe's first suggestion which is turned down, he is contacted personally and given a verbal explanation along with the letter.

Awards are made in proportion to the value of the idea submitted. $10 is the minimum award and $5,000 is the maximum award. Winners of outstanding awards receive their checks from one of the higher executives of the company.

This recognition of effort is part of the IBM Human Relations Program, and a very practical aspect as far as finances are concerned. In 1955 a total of 106,313 suggestions were received from IBM employes (domestic), of which 19,244 were adopted. The award money paid for suggestions amount to $501,756.51 or an average of $26.07 for each adopted suggestion. The savings to the company through the adoption of these suggestions into manufacturing and operating procedures was estimated to be considerably more than this amount.

ANOTHER TEST to apply to a human relations program is whether it comes to an end when working hours are finished. The effective program, we believe, should not. In IBM, there is an education program which extends throughout the organization, and provides a General Education curriculum which includes subjects which range from Interior Decoration to Higher Mathematics. There is also a program of education which offers training for varied positions in the organization. Mr. Watson's creed that there is no saturation point in education is woven right into IBM Human Relations. In both educational programs, the knowledge gained enhances the employe's opportunity for advancement. This is in line with Mr. Watson's sincere belief that the more education one acquires, the better equipped one is to get the most out of life—spiritually, culturally, economically.

A human relations program should also take into account the fact that a person who plays well also works well. IBM maintains employes' country clubs at Endicott and Poughkeepsie, New York, and Sands Point, Long Island, and has purchased 300 acres at Kingston, New York, to provide space for recreational facilities there. Facilities of the clubs are available to employes and their families for an annual membership fee of $1.00 for employes, $1.00 for associate members (wives or husbands), and 50c for juniors. All clubs are operated by Boards of Governors elected by employes, and managers and executives cannot be members of the Board.

Children's Clubs in Poughkeepsie and Endicott provide recreation and instruction for children between the ages of four and seven. Dues for these clubs are 25c, and activities include handicrafts, gardening, story period, group games and nature study.

FACILITIES at Endicott and Poughkeepsie provide for golf, swimming, tennis, baseball, basketball, bowling, rifle and pistol shooting, and other sports. The Sands Point Club, which was opened in 1953, has a nine-hole golf course, a beach house and swimming area on Long Island Sound, and facilities for a number of other outdoor sports, as well as picnic grounds.

When it became necessary, in view of the world situation, for our country to increase its military forces, IBM put into effect a plan to ease the financial burden on employes called to service. An employe who has been with IBM one year or more when he enters the U. S. armed forces is kept on the payroll for monthly payments equivalent to one-quarter of his pay up to $4,000 a year at the time he enlisted, was inducted or called to active duty. IBM also pays the premiums on the same amount of National Service Life Insurance that the employe was receiving in IBM group insurance at the time he entered the armed forces, up to the government's maximum of $10,000. Additional benefits include pay for time taken in undergoing physical examination, two weeks' salary or wages at the time of induction, payment for accrued vacation time, and a subscription to a hometown newspaper.

The plan is generally similar to the plan adopted for the benefit of employes who served in World War II, with the addition of extending the IBM family hospitalization plan to cover the wives and children of employes in the armed forces.

AN EMPLOYE entering the armed forces is regarded as on military leave of absence and upon satisfactorily completing his military service will be reinstated with full credit for continuous service with the company in connection with all benefits under other employe benefit plans.

An effective human relations program should take into consideration the community as well as the industry itself. A sense of social responsibility has been encouraged among IBM employes. Mr. Watson often said that he wanted IBMers to take enough time away from the company to fulfill their obligations as citizens in their respective communities. "Communities," he said, "are states and nations, and states and nations are people."

In IBM we have followed, in the development of human relations, the program embodied in Mr. Watson's first speech to the organization. Everything since then has been the practical application of the principle he expressed. There is nothing in that first talk which does not hold true today. It is this sense of continuity in the program, the knowledge on the part of all IBMers that the program is really part of the company they work with, that has nurtured unity within the organization. This unity, and the easing of financial worries through the program, have helped bring about the spirit of cooperation that prevails throughout the company, and all these things make for progress.

The steady growth of IBM speaks for the effectiveness of our human relations. They are our best investment.

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